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हिन्दी (अनुषांगिक / पास)

पूर्णांक : 100

निर्धारित पाठ्यपुस्तक : काव्य निर्झर : डॉ0 परशुराम राय, प्रकाशक : भारत बुक डिपो

अंक विभाजन :

1. पाठ्यपुस्तक से आलोचनात्मक प्रश्न : 2 x 20 = 40 अंक
2. पाठ्यपुस्तक से व्याख्यात्मक प्रश्न : 2 x 10 = 20 अंक
3. पाठ्यपुस्तक से लघुत्तरीय प्रश्न : 4 x 5 = 20 अंक
4. वस्तुनिष्ठ/अतिलघुत्तरीय प्रश्न : 20 x 1 = 20 अंक

निर्धारित पाठ :

विद्यापति : 5 पद (ऐ सखि पेखलि एक अपरूप, लोचन धाएल फेदाएल, ऋतुपति राज वसंत, जय जय भैरवि, माधव कत तोर करब बड़ाई)

कबीर : 10 दोहे (जाको राखे साइयाँ, लाली मेरे लाल की, साधू ऐसा चाहिए, प्रेम न बाड़ी उपजै, जब मैं था तब गुरू नहीं, माला फेरत जुग गया, साई इतना दीजिए, मेरा मुझ में कुछ नहीं, जिन ढूंढा तिन पाइयाँ, हीरा तहाँ न खोलिए)

तुलसीदास : 4 पद (अब लौ नसानी, पाएऊं नाम चारु चिंतामनि, पर बस जानि हँस्यौ, लाज न लागत दास कहावत)

जायसी : केवल नागमति वियोग खण्ड (दोहा सं0 1 से 5 तक)

मैथिलीशरण गुप्त : मातृभूमि

निराला : तोड़ती पत्थर

जयशंकर प्रसाद : बीती विभावरी

पंत : भारत माता

महादेवी वर्मा : जीवन विरह का जलजात

हिन्दी प्रतिष्ठा

प्रथम पत्र

पूर्णांक : 100

अंक विभाजन :

1. चार दीर्घउत्तरीय प्रश्न (प्रत्येक खंड से एक) : 4 x 15 = 60 अंक
2. पाँच लघुत्तरीय प्रश्न : 5 x 4 = 20 अंक
3. बीस अति लघुत्तरीय प्रश्न / वस्तुगत प्रश्न : 20 x 1 = 20 अंक

निर्धारित पाठ : काव्य शास्त्र एवं आलोचना

खंड 'क'

1. आलोचना का स्वरूप
2. साहित्य के अध्ययन की दृष्टियाँ
   (क) ऐतिहासिक (ख)मनोवैज्ञानिक (ग) समाजशास्त्रीय (घ) शैलीवैज्ञानिक

खंड 'ख'- संस्कृत काव्य पाठ

3. काव्य-लक्षण, काव्य हेतु, काव्य प्रयोजन, काव्य-गुण, काव्य दोष, काव्य के प्रकार, शब्द शक्ति

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4. रस, अलंकार, रीति, ध्वनि, और वक्रोक्ति सिद्धांतों का सामान्य परिचय
5. प्रमुख अलंकारों का लक्षण: उदाहरण- अनुप्रास, यमक, श्लेष, वक्रोक्ति, उपमा, उपेक्षा, रूपक, अतिशयोक्ति, दृष्टांत, समासोक्ति।
6. प्रमुख छंदों का लक्षण उदाहरण : दोहा, सोरठा, चौपाई, रोला, बरवै, कुण्डलियाँ, छप्पय, सवैया, कवित्त, मंदक्रंता ।

खंड'ग' : हिन्दी आलोचना

7. रामचंद्र शुक्ल, हजारी प्रसाद द्विवेदी, नंद दुलारे वाजपेयी, रामविलास शर्मा के काव्य सिद्धांतों का सामान्य परिचय ।

खंड 'घ' :पाश्चात्य साहित्य के सिद्धांत

8. प्लेटो, अरस्तू, रिचर्ड्स एवं मैथ्यू आर्नल्ड के साहित्य सिद्धांतों का सामान्य परिचय।

द्रुतपाठ : निम्नांकित तीन समीक्षकों का अध्ययन अपेक्षित होगा। जिनमें किन्हीं दो पर लघुत्तरीय प्रश्न पूछे जाएंगें 'आचार्य नलिन विलोचन शर्मा, डॉ0 भगीरथ मिश्र, डा0 नामवर सिंह

अभिस्तावित ग्रंथ :-

1. भारतीय काव्य शास्त्र (भाग 1 - 2) - बलदेव उपाध्याय
2. साहित्यालोचन - श्याम सुन्दर दास
3. साहित्य सहचर - आचार्य हजारी प्र0 द्विवेदी
4. रस-सिद्धांत - डा0 नागेन्द्र
5. अलंकार, रीति और वक्रोक्ति - डॉ0 सत्यदेव चौधरी
6. अलंकार मुक्तावली - आचार्य देवेन्द्र नाथ शर्मा
7. पाश्चात्य काव्य शास्त्र - आचार्य देवेन्द्र नाथ शर्मा
8. हिन्दी आलोचना के आधार स्तम्भ - प्रो0 खण्डेलवाल

हिन्दी प्रतिष्ठा द्वितीय पत्र

खंड 'क' पूर्णांक : 50

हिन्दी साहित्य का इतिहास (आदिकाल और भक्तिकाल)

अंक विभाजन :

1. दो आलोचनात्मक प्रश्न : 2 x 15 = 30 अंक
2. दो लघुत्तरीय प्रश्न : 2 x 5 = 10 अंक
3. दस वस्तुगत प्रश्न : 10 x 1 = 10 अंक

खंड 'ख' पूर्णांक : 50

अंक विभाजन :

1. एक आलोचनात्मक प्रश्न : 1 x 15 = 15 अंक
2. दो व्याख्यात्मक प्रश्न : 2 x $7^{1}/_{2}$ = 15 अंक
3. दो लघुत्तरीय प्रश्न : 2 x 5 = 10 अंक
4. दस वस्तुगत / अति लघुत्तरीय प्रश्न : 10 x 1 = 10 अंक

निर्धारित पाठयपुस्तकः

पंचरत्न : सम्पादकः प्रो0 रामचन्द्र घोष प्रकाशक : भारत बुक डिपो, भागलपुर।

निर्धारित पाठ : निम्नांकित में से किन्हीं दो कवियों का अध्ययन अपेक्षित है-

1. विद्यापति खने खने नयन कोन अनुसरइ,
   ऐ सखि पेरवीसे एक अणत्य,

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सरस वसंत समय भल पाओल,
कत सुख सार पाओल तुअ तीरे,
माधव, फल तरव बढ़ाई।

2. सूरदास
पहिले करि परनाम नंद सो,
कहियो नंद कठोर भए,
तवहि उपंगसुत आय गए,
हरि गोकुल की प्रीति चलाई
जदुपति लख्यो तेहि मुसकात,
सखा, सुनो मेरी इक बात,
उद्धव वेंगि ही ब्रज लग्हु,
पथिक संदेसों कहियो जाय,
नीके रहियो जसुमति मैया।

3. कवीर: पद:
दुलहनी गावहु मंगलचार,
मन रे जागत रहिये भाई,
हम न मरें मरिहें संसारा
हरि जननी मैं बालिका तेरा,
हरि बिन झूठे सब व्योहार,

दोहे:
कबीर यह घर प्रेम का, खाला का घर नाहिं,
ऐसी वाणी बोलिये, मन का आपा खोइ,
प्रेम न खेती नीपजे, प्रेम न हाटि विकाइ,
मन मथुरा दिल द्वू वारिका, काया कासी जांणि,
सात समद की मसि करौ, लेखनि सब बनराइ

4. तुलसीदास:
अवधेश के द्वारे सकारें गई,
पग नूपुर जो पहुंची कर कंजनि,
तन की दुति व्याम सरौस्ह
कबहूं ससि भागत आरि करें
बर दतको पगति कुंदकली
पद कजनि मजु बनी पनही
सरजू बर तीरहि तीर पिरै,
छोनीमेकै छोरी पति छाजै,
सिय के स्वयंवर समाजु,
मयन महनु पर दहनु गहन,
डिगति उर्वि मति गुर्वि,
लोचनाभिराम घनश्याम रामरूर,
दुव दधि रोचनु कनक चार,
नगर निसान वर बाजैं,
भले धूप कहत भलै,
बानी विधि गौरी हर से सहूँ,
दूलह श्रीरघुनाथ बने,

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भूपमंडलो प्रचंड चंडीस,
निपट निदरि बोले वचन,
गर्भ के अर्भक काट नकों,
मधु राखिकैके काज,
काल कराल नृपालन्हके।

5. जायसी — सुनतहि राजा गा मुरछाई..... तराहि तराहि,
जहें लिग कुटुंब लोग.... सबै बरौक,
जब भा चेत उठा बैरागा.... पहुंचत औगाइ,
सबन्ह कहा मन.... दुख वियोग,
सुए कहा मन.....सीस कलप्प,
का भा जोग कथिन..... जब चोर,
सुनि सौ बात.... जिउं वेत,
बंधु मीत बहुतै....जेहि भैव।

द्रुत पाठः निम्नांकित तीन कवियों का अध्ययन अपेक्षित है, जिनमें दो पर लघुत्तरीय प्रश्न पूछे जायेंगे- अमीर खुसरो, मीराबाई, रसखान।

अभिस्तावित ग्रंथः

1. हिन्दी साहित्य का इतिहास - आचार्य रामचन्द्र शुक्ला
2. हिन्दी साहित्य का इतिहास - सं0 डा0 नगेन्द्र
3. हिन्दी साहित्य : उद्‌भव व विकास- आचार्य हजारी प्र0 द्विवेदी
4. हिन्दी साहित्य का वैज्ञानिक इतिहास-डा0 गणपति चन्द्र गुप्त
5. हिन्दी साहित्य का दूसरा इतिहास- डा0 बच्चन सिंह
6. विद्यापतिः अनुशीलन एवं मूल्यांकन- स0 डा0 वीरेन्द्र श्रीवास्तव
7. विद्यापतिः शिव प्रसाद सिंह
8. तुलसी दर्शन - माता प्रसाद गुप्ता
9. सूर साहित्य - आचार्य हजारी प्रसाद द्विवेदी
10. कबीर- आचार्य हजारी प्रसाद द्विवेदी
11. जायसी- विजयदेव नारायण साही।

मातृभाषा - मैथिली (अनिवार्य)

बी0 ए0/ बी0 एस0 सी/ बी0 काम0

त्रिवर्षीय स्नातक खण्ड- एक में मातृभाषा मैथिलीक पूर्णांक 50 तथा परीक्षाक कालावधि डेढ़ घण्टाक होएत । परीक्षार्थी प्रश्नोत्तर देवनागरी वा तिरहुआ मै दए सकैत छथि ।

अंक विभाजन :

(1) पाठ्य पुस्तक से आलोचनात्मक प्रश्न - $7\frac{1}{2} \times 2 = 15$
(2) पाठ्य पुस्तक वस्तुनिष्ठ प्रश्न - $2 \times 5 = 10$
(3) निबंध लेखन - $10 \times 1 = 10$
(4) व्याकरण और रचना - $5 \times 2 = 10$
(5) तिरहुता लेखन - $5 \times 1 = 05$

निर्धारित ग्रंथ : (i) अत्याधुनिक मैथिली गद्य - डॉ0 बिष्णु किशोर झा वेचन भारत बुक डिपो, भागलपुर ।

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(ii) **व्याकरण पाठ्यांश :-** तद्धित, कृदन्त, प्रत्यय, उपसर्ग, पर्यायवाची शब्द, सन्धि विच्छेद, अनेक शब्दक हेतु एक शब्द, मुहावरा ओ लोकोक्ति ।

अभिस्तुत ग्रंथ

(1) मैथिली व्याकरण ओ रचना - युगेश्वर झा, भारती भवन, पटना

(2) मिथिलाक्षर शिक्षा - आद्या झा मैथिली अकादमी, पटना

मैथिली सामान्य (जेनरल) एवं आनुषांगिक (सबसिडियरी)

त्रिवर्षीय स्नातक मैथिली पार्श्व विषय (साइड सबजेक्ट)

मैथिली सँ भिन्न विषयक प्रतिष्ठाक छात्र/छात्रा हेतु आनुषंगिक विषयक रूप में मैथिली स्नातक प्रथम खण्ड में प्रथम पत्र तथा द्वितीय खण्ड में द्वितीय पत्र तथा मैथिली सामान्य त्रिवर्षीय स्नातक खण्ड प्रथम में प्रथम पत्र, खण्ड द्वितीय में द्वितीय पत्र एवं खण्ड तृतीय में तृतीय पत्र अर्थात् तीन पत्र होएत, जाहिमे प्रत्येक पत्रक पूर्णांक 100 तथा परीक्षाक कालावधि तीन घण्टाक होएत । परीक्षार्थी प्रश्नोत्तर देवनागरी वा तिरहुता में द सकैत छथि । सामान्य एवं अनुषंगिक (सबसिडियरी) प्रथम खण्ड एवं द्वितीय खण्डक पाठ्यक्रम समान अछि ।

मैथिली अनुषंगिक (सबसडियरी जेनरल)

प्रथम पत्र

पद्य :-

अंक विभाजन :-

(i) वस्तुनिष्ठ प्रश्न - 2 x 10 = 20

(ii) पाठ्यांश सँ आलोचनात्मक - 13 + 13 + 14 = 40

(iii) पाठयांश सँ सप्रसंग निर्देशपूर्वक व्याख्या - 10 x 4 = 40

निर्धारित ग्रंथ :-

(i) पद - लतिका-सम्पादक - डॉ0 माहेश्वरी सिंह 'महेश' एवं डॉ0 प्रेम शंकर सिंह ऋचा प्रकाशन, राधारानी सिंह रोड भागलपुर

पाठ्यांश :- विद्यापति, गोविन्द दास, हर्षनाथ, सीताराम झा, बदरी नाथ झा, बैद्यनाथ मिश्र, 'यात्री' चन्द्रनाथ मिश्र अमर, दीनानाथ पाठक 'बन्धु' ।

(ii) कृष्णचरित तन्त्रनाथ झा मैथिली अकादमी पटना

(iii) प्रतिपदा - सुरेन्द्र झा 'सुमन' मैथिली मंदिर राज कुमार दरभंगा

(iv) सन्यासी - उपेन्द्रनाथ झा व्यास श्री भवन बोरिंग रोड पटना ।

मैथिली प्रतिष्ठा

मैथिली प्रतिष्ठाक त्रिवर्षीय स्नातक खण्ड-प्रथम, खण्ड-द्वितीय एवम् खण्ड-तृतीय में कुल आठ पत्र होएत जाहिमे प्रत्येक पत्रक पूर्णांक 100 तथा परीक्षाक कालावधि तीन घण्टाक होएत। प्रथम खण्डक अर्न्तगत प्रथम एवं द्वितीय पत्र, द्वितीय खण्ड में तृतीय एवं चतुर्थ पत्र तथा तृतीय खण्ड में पंचम, षष्ठ, सप्तम् एवं अष्टम् पत्र परीक्षा होएत अष्टम पत्रक अन्तर्गत विशेष अध्यापकनक व्यवस्था छैक जाहि मेसँ एकक चयन परीक्षार्थीक करबाक छति। परीक्षार्थी प्रश्नोत्तर देवनागरी वा तिरहुता में दए सकैत छथि:-

प्रथम पत्र :- मैथिली साहित्यक इतिहास

अंक विभाजन :(i) वस्तुनिष्ठ प्रश्न - 10 x 2 = 20

(ii) मैथिली साहित्यक इतिहास - 15 x 4 = 60

(iii) ऐतिहासिक एवं परिचयात्मक टिप्पणी - 5 x 4 = 20

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प्रस्तुत ग्रंथः-(i) ए हिस्ट्री ऑफ मैथिली लिटरेचर - डॉ0 जयकान्त मिश्र साहित्य अकादमी दिल्ली
(ii) ए सर्वे ऑफ मैथिली लिटरेचर - राधा कृष्ण चौधरी शांति निवास, बमपास टाउन, देवघर।
(iii) मैथिली साहित्यक रूपरेखा सम्पादक :- डॉ0 बासुकीनाथ झा चेतना समिति पटना ।
(iv) मैथिली साहित्यक इतिहास - डॉ0 दुर्गानाथ झा "श्रीश" भारती पुस्तक केन्द्र दरभंगा ।
(v) मैथिली साहित्यक आलोचनात्मक इतिहास -डॉ0 दिनेश कुमार झा मैथिली अकादमी पटना
(vi) मैथिली नाटक ओ रंगमंच - डॉ0 प्रेमशंकर सिंह मैथिली अकादमी पटना ।
(vii) मैथिली साहित्यक इतिहास -डॉ0 बालगोविन्द झा "व्यथित" अजन्ता प्रकाशन पटना ।
(viii) मैथिली नवीन साहित्यक सम्पादक - डॉ0 बासुकीनाथ झा चेतना समिति पटना
(ix) मैथिली साहित्यक आदिकाल - राजेश्वर झा रसुआर सहरसा
(x) मैथिली नाटकक उद्‌भव ओ विकास - डॉ0 लेखनाथ मिश्र ।

द्वितीय पत्र - प्राचीन काव्य

अंक विभाजन : (1) वस्तुनिष्ठ प्रश्न - 10 x 2 = 20
(2) पाठ्य ग्रंथसँ आलोचनात्मक प्रश्न - 13+13+14 = 40
(3) पाठ्य ग्रंथसँ सप्रसंग निर्देश पूर्वक व्याख्या- 10 x 4 = 40

पाठ्य ग्रंथ : (1) विद्यापति गीतावली - सम्पादक - गोविन्द झा, मैथिली अकादमी पटना।
पाठ्यांश गीत :- 2, 10, 13, 17, 32, 44, 52, 70, 76, 86, 114, 133, 140, 143, 144, 150, 160, 176, 187, 191, 205, 208, 209, 248, 280, 294, 319, 326, 333, 377, 391, 498, 505 एवं 638

(2) गोविन्द दास भजनावली - संम्पादक - गोविन्द झा, मैथिली अकादमी पटना, पाठ्यांश - बन्दना आओर गीत ।
(3) रागतरंगिणी - सम्पादक - डॉ0 शशिनाथ झा, मैथिली अकादमी पटना, पाठयांश - लोचन, लक्ष्मीनारायण, कंसनारायण, भवानीनाथ धरणिधर, मधुसूदन एवं यशोधरा ।

अभिस्तुत ग्रंथ : प्रस्तुत ग्रंथ

(i) पुरूषार्थ ओ विद्यापति - डॉ0 प्रेम शंकर सिंह ऋचा प्रकाशन राधारानी सिन्हा रोड भागलपुर
(ii) गोविन्द दास - डॉ0 अमरनाथ झा, मैथिली अकादमी पटना ।

M.B. URDU (Composition).

B.A. / B.Sc. / B.Com. Part-I
(for Non- Hindi Students)

Time: 1.30 Hours — Full Marks 50

There shall be one paper of fifty marks. Distribution of Marks will be as follow :

1. Summary and substance writing of the passages from text prescribed 10 (Marks (Prose) + 10 Marks (Poetry) = 20
2. One essay on General topic = 10
3. Grammar (Azdad, Jins & Mahavrat) = 10
4. Objective type questions from text-5 x2 = 10

Books Prescribed : (i) Adabiyat- Compiled by Dr. Abdul Wassey & Qamar Azam Hashimi Following Portions only :

1. Prose- Page 6 to 46
2. Poetry Page 141 to 146
3. Ghazal Page 168 to 174

2. Tarz-i-Nigarish-By Sachintanand Sinha.

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URDU Subsidary/Optional Course

PAPER - I

It shall carry 100 marks and will be of 3 hours duration. distribution of marks will be as follows :

(1) Critical questions from the prescribed books = 60 Marks
(2) Explanation of the passages from the prescribed Text = 10 Marks
(3) Translation from Hindi & English into Urdu = 10 Marks
(4) Objective type questions from the text- 10 x 2 = 20 Marks

Books Prescribed :

1. Ek Chader Maili Si - By Rajender Singh Bedi
2. Parda-e- Ghaflat- By Dr. Abid Hussain
3. Tanquidi Mazamin- Compiled by Dr. S.M. Iqbal
4. Tarz-e-Nigarissh - Schitanand Sinha

URDU HONOURS

There shall be 2 papers for the B.A. Hons. Part-I of the 3 Years Degree Course (New). Each of these two papers will carry 100 Marks and will be of 3 hours duration. Distribution of marks for both the papers will be as follows :

(1) Critical Question from the prescribed books = 60 Marks
(2) Explanation of passages from the prescribed books = 20 Marks
(3) Objectie type questions from the text- 10 x 2 = 20 Marks

PAPER-I (Prose)

Books Prescribed : (1) Firdaus-e- Bareen - By Abdul Haleem Sharar
(2) Wardat- By Munsi Prem Chand
(3) Fann-e-Tanqueed Aur Tanqueed Nigari -By Noorul Hasan Naqvi

PAPER-II (Poetry)

(1) Kalam-e-Meer - Compiled by Late Moulvi Abdul Haque
(2) Deewan-e-Dard (First 20 Ghazal - Compiled by Rashid Hasan Khan)
(3) Muqadma-e-Kalam-e-Atash - Edited by Khalilur Rahman Azmi.

PERSIAN

(GENERAL.SUBSIDIARY COURSE)

PAPER-I (Prose & Poetry)

Time 3 Hours Full Marks 100

Objective - 20 Marks (Compulsory).
Prose-40 Marks Poetry- 40 Marks
Books Prescribed : Nasab-e-Jadid Farsi

The Following Pieces :

1. Rubiyat-e-Khayyam First ten Rubaiyat.
2. Hafiz- First six Ghazals.
3. Shaharyar
   (i) Bahar-e-Tauba Shikan
   (ii) Yak Shab Ba Qamar
   (iii) Bar Sang-e-Mazaram

Prose :-

The following pieces :

1.Zindagi-e-Man : Kudaki only
2. Jahangir Namah- whole
3. Daastan ha-e-Kutah : (a) Khana-e-Pedri (b) Aman-e-Maghrib (c) Idi

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PERSIAN HONOURS COURSE

PAPER-I Full Marks 100 Time 3 Hours

Poetry Text-80 Objective - 20

Books Prescribed :-

1. Nasab-e-Jadid-e-Farsi - Published by Jayyed Press. Delhi.

The following Pieces :

1. Hafiz- First ten Ghazals.
2. Amir Khusraw - First ten Ghazals.
3. Qasaid-e-Urifi
   (a) Sabah-e-Id
   (b) Dar Wasf-e-Kashmir
4. Qaani-Qasaid First two Qasidas P.92-100
5. Khayyam-Rubaiyat First 25 Rubaiyat.
6. Shaharyat :-
   (a) Yak Shab Ba Qamar. (b) Bahar-e- Tauba Shikan. (c) Bar Sang-e- Mazaram.
7. Bahar :-
   (a) Qasida-e-Watania (b) Joghad-e-Jang. (c) Shab Aahang.
8. Maulana Rum :- (a) Nala-e-Nai (b) Baqqal-o-Tuti

PAPER-II Full Marks - 100

Text-80 Objective-20

Prose Books Prescribed :- 1. Nasab-e-Jadid-e-Farsi

The Following Pieces are prescribed.

1. Zindagi-e-Man Whole
2. Sar Zamine-e-Hind P, 49-60
3. Sarguzasht-e-Haji Baba Isfahani-..... Ist three Guftars
4. Jahangir Namah- Whole
5. Daastan ha-e-Kutah (a) Khudkushi (b) Idi (c) Azan-e-Maghrib

BENGALI M. B. (COMPOSITION)

B.A. / B.Sc. / B.Com. [Hons/Pass] PART - I

Full Marks 50 Time: 1.30 Hours

Distribution of marks :

a. One Critical Question.		1 × 15 = 15
b. Ten Objective Type Question.	-	10 x 1 = 10
c. One essay	-	15
d. Grammer	-	10

পাঠনীয় গ্রন্থসমীহ :

১। কর্ণ কুন্তী সংবাদ - রবীন্দ্র নাথ ঠাকুর ।

২। সাহিত্য ও সাহিত্যিক - নারায়ন গঙ্গোপাধ্যায় ।
পাঠ্যাংশ, প্যারিচাঁদ - আলালের ঘরের দীলাল , কালী প্রসন্ন সিংহ , হুতোম প্যাঁচার নক্সা, বিভূতিভূষনের শিল্পীসত্তা , তারাশংকরের সাহিত্যজগৎ ।

৩। ব্যাকরণ : লিঙ্গপরিবর্তন , বিপরীতর্থক শব্দ , এক কথায় প্রকাশ ।
বিশেষ দ্রষ্টব্য :- যে কোনো একটি পাঠ্যগ্রন্থ থেকে দশটি বস্তুনিষ্ট প্রশ্নের উত্তর দতে হবে।

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GEN /SUB COURSE
PAPER - I

Time: 3 Hours — Full Marks 100

Distribution of marks :

a. Critical Question	3 × 20 = 60
b. Short Type Question	2 × 10 = 20
c. Objective Type Question.	20 x 1 = 20

পঠনীয় গ্রন্থসমীহ :

১। চতুর্দসপদী কবিতাবলী - মাইকেল মধীসূদন দত্ত ।
পাঠ্য - বঙ্গভাষা, কমলেকামিনী, অন্নপূর্ণাদঝাঁপি, কাশিরাম দাস , কৃত্তিবাস , কালিদাস, ঈশ্বর পাটানী, যসের মন্দির ।

২। দেবি চৌধীরানী - বঙ্কিমচন্দ্র চট্টোপাধ্যায় ।

৩। নীলদর্পণ - দীনবন্ধু মিত্র ।

৪। কমলাকান্তের দপ্তর - বঙ্কিমচন্দ্র চট্টোপাধ্যায় ।
পাঠ্য - একা, মনীষ্যফল, আমার মন, পতঙ্গ, আমার দীর্গোৎসব, একটি গীত, বিড়াল, বড় বাজার , ঢেঁকি ।

BENGALI HONOURSE COURSE

PAPER – I

Time: 3 Hours — Full Marks 100

কবিস্তা

Distribution of marks :

a. Critical Question.	3 × 20 = 60
b. Short Type Question	2 × 10 = 20
c. Objective Type Question.	20 x 1 = 20

পাঠনীয় গ্রন্থসমীহ :

১। বলাকা - রবীন্দ্র নাথ ঠাকুর ।
পাঠ্য - তুমি কি কেবলি ছবি, একথা জানিতে তুমি (সাজাহান), হে বিরাট নদী, ওরে সবীজ ওরে আমার কাঁচা, যতক্ষণ সথির হয়ে থাকি , সন্ধ্যারাগে ঝিলিমিলি , বিশ্বের বিপীল বস্তুরাশি , দীর হতে কি শুনিস মৃত্যুর গর্জন ।

২। যতীন্দ্র নাথ সেন গুপ্তের কবিতা সংকলন :
পাঠ্য - বহ্নিস্তুতি, লোহার ব্যাতা, ধঃখবাদী, অন্ধকার, শরশয্যায় ভীষ্ম, চির বৈসাখ, বৈশাখের সাখে, পরাভব ।

৩। সঞ্চিতা - কাজী নজরুল ইসলাম ।
পাঠ্য - বিদ্রোহি, আমার কৈফিয়ৎ, কান্ডারি হুঁসিয়ার, সাম্যবাদী (মানীষ), ফরিয়াদ, সব্যসাচী ।

৪। জীবনানন্দ দাসের শ্রেষ্ট কবিতা ।
পাঠ্য - বনলতা সেন, আঠবছর আগের একদিন , বোধ , হাওয়ার রাত নগ্ন নির্জন হাত, ঘাস, হাওয়ার রাত, শঙ্খমালা ।

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PAPER - II

Time: 3 Hours

Full Marks 100

নাটক :

Distribution of marks :

a. Critical Question. 3 × 20 = 60
b. Short Type Question 2 × 10 = 20
c. Objective Type Questions 20 x 1 = 20

পাঠনীয় গ্রন্থসমীহ :

১। কৃষ্ণকুমারি - মাইকেল মধীসূদন দত্ত ।
২। বিসর্জন - রবীন্দ্র নাথ ঠাকুর ।
৩। জনা - গিরিশচন্দ্র ঘোস ।
৪। চন্দ্রগুপ্ত - দ্বিজেন্দ্রলাল রায় ।

ENGLISH HONOURS COURSE

PAPER-I : History of English Language / Literature

Duration of examination : 3 hrs.

Full Marks- 100

SECTION I - History of English Literature

50 Marks

There shall be four groups in this section as detailed below :

GROUP-A History of Poetry

1. Old English Poetry
2. Middle English Poetry
3. Elizabéthan lyrics and Sonnets
4. Metaphysical Poetry
5. Cavalier Poetry
6. Eighteenth - Century Poetry
7. Precursors of the romantic Revival
8. Romantic revival
9. Major Romantic Poets
10. Victorian Poetry
11. Pre Raphaelite Poetry
12. Geogrian Poetry
13. Symbolist Movement in English Poetry
14. Imagist Poetry
15. Trench Poetry
16. Modern Poetry

Major Poets- Geoffrey Chaucer, John Milton, John Donne, Dryden; Alexander Pope, William Words worth, S.T. Coleridge, Lord A Tennyson, Thomas Hardy, W.B. Yeats, T.S. Eliot.

GROUP-B : History of Drama

1. Beginning of English Drama;
2. Mystery, Miracle and Morality Plays;
3. Pre-Shakespearean Drama or University Wits;
4. Shakespearean Drama; Jacobean Dramatists;
5. Heroic Tragedy;
6. Restoration Comedy'
7. Eighteenth century Drama;

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8. Modern Drama;
9. Modern Verse Drama;
10. One Act Plays;
11. Theatre of the Absurd
12. Major Dramatists Christopher Marlowe, William Shakespeare; Ben Jonson; R. B. Sheridan, John Galsworthy, George Bernard Shaw

GROUP-C : History of Novel & Prose

1. The Authorised Version of the Bible,
2. Severnteenth Century Prose,
3. Eighteenth Century Prose ;
4. 19th Century Prose ;
5. Victorian Prose;
6. Eighteenth Century Novel;
7. 19th Century Novel;
8. Gothic Novels;
9. Women Novelists of the Victorian Era;
10. Stream of Consciousness Technique in Fiction;
11. Modern Novel;
12. 18th century Periodicals;
13. Modern Short Story.

Major Prose Writers- Sir Francis Bacon : Jonathan Swift; Samuel Johson; Jane Austen, Emily Bronte; Charles Dickens; Virginia Woolf; D.H. Lawrence ; E. M. forster

GROUP-D : Ten objective type multiple choice questions or and matching type or and true-false type or fill in the blanks type questions carring one mark each.

SECTION II : History of the English Language 50 Makrs

There shall be four groups in this section as detailed below :

GROUP-E Old English

1. Origins of language ; Classification of languages ; Indo-European Family of languages ;
2. Origins of the English language'
3. Characteristics of Old English :
4. Old English Dialects :
5. Grimm's Law and Verner's Law

GROUP-F : Middle English and Modern English

1. Characteristics of Middle English,
2. Middle English Dialects;
3. The Rise of Standard English.
4. Characteristics of Modern English,
5. Modern English Dialects :
6. British English;
7. American English;
8. Indian English:
9. English Today / World English;
10. and English as a language of global Communication.

GROUP-G : Enrichment of English Vocabulary

A. Borrowings in English- Latin / Scandinavian / French, Greek and Indian Loan words

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B. Word Formation
(i) Process of Word Formation– composition derivation (Affixation)
(ii) Prefixes / Suffixes
(iii)Root creation
(iv)Reduplication
(v) Portmanteau Words (Contamination)
(vi)Shortening, Back Formation
(vii) Acronym, Analogy,

C. Folk Etymology. Slang:

D. Semantic Change : Phonological Change : and Grammatical Change.

GROUP-H : Phonemic Transcription

Phonemic transcription of Ten isolated words Examinees may be required to show word stress marks. Phonemic transcription is to be used in IPA symbols as used in Daniel Jones's English Pronouncing Dictionary (Fourteenth/Fifteenth edition)

Division of marks :

Group A : One question out of four alternative :	14 marks
Group B : One question out of four alternative :	13 marks
Group C : One question out of four alternative :	13 marks
Group D : Ten objective type Multiple Choice questions	10 marks
GROUP-E One question out of four alternatives	14 marks
GROUP-F One question out of four alternatives	13 marks
GROUP-G One question out of four alternatives	13 marks
GROUP-H Phonemic transcription of isolated words	10 marks
Total	100 marks

THE BOOKS RECOMMENDED :

SECTION I

1. The Cambridge History of English Literature
2. The Concise Cambridge History of English Literature : George Sampson
3. A Literary History of England : A.C. Baugh
4. A Critical History of English Literature : David Daichas
5. The Pelican Guide to English Literature
5. A Short History of English Literature : E Albert

SECTION II

1. A History of the English Language - A.C. Baugh
2. The Making of English : H Bradley.
3. Growth and Structure of English : Otto Jespersen
4. Modern English Structure : B.M. H. Strang
5. A University Grammar of English : Randolph Quirk and Sidney Greenbaum
6. Drills and Tests in English Sounds : L.A. Hill
7. Drills in English Strees Pattern : L. Guierre
8. English Pronouncing Dictionary Daniel Jones revised by (14th/15th edition) A.C. Gimson/P Roach & J. Partman
9. Phonetics : J.D.O. Connor
10. A Text book of English Phonetics for Indian Students : T. Balasubramanian (Macmillan)
11. English Phonetics for Indian Students A Work Book : T. Balasubramanian (Macmilan)

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PAPER II Poetry from Chaucer to Arnold

Duration of examination- 3 hrs. Full Marks- 100

The Books Prescribed : THE MYSTIC DRUM- Eds, Vilas Salunke (Orient Longman)

The following poems are prescribed :-

1. Men Call you fayre. (Amoretti, Sonnet No. 79) : Edmund Spenser
2. Poor Soul, the Centre (Sonned No. 146) : William Shakespeare.
3. The Invocation (Paradise Lost, Book I) : John Milton
4. The Sunne Rising : John Donne
5. Easter Wings : George Herbert
6. To His Coy Mistress : Andrew Marvell
7. London : William Blake
8. A Slumber did my Spirit Seal : William Wordsworth
9. Kubla Khan : ST Coleridge
10. She Walks in Beauty : Lord Byron
11. Ode to the West Wind : PB Shelley
12. Ode on a Grecian Urn : John Keats
13. Break, Break, Break : Alfred, Lord Tenyson
14. My Last Duches : Robert Browning
15. Neutral Tones : Thomas Hardy
16. Futility : Wilfred Owen
17. Spring and Fall : GM Hopkins
18. Sailing to Byzantium : WB Yeats
19. Journey of the Magi : T.S. Eliot
20. Do not go Gentle ... : Dyalan Thomas.

Book Prescribed :

Group B. **THE RAPE OF THE LOCK** : Alexander Pope

Book Prescribed :

Group C. **THE SCHOLAR GIPSY** : Matthew Arnold.

Group D. Literary and Prosodic Terms and scansion of a stanza.

Poetry, Elegy, Sonnet, Ballad, Epic, Irony, Similie, Metaphor, Alliteration, Rhyme, Metre. Questions may be set on other prosodic terms as well.

Division of Marks:

Q. No 1 shall be compulsory out of two alternatives from each text in A, B & C set. Candidates have to attempt three explanations one from each text.

Group A

1. One Critical Question out of Two alternatives from the prescribed poems.
2. One Critical Question out of Two alternatives based on Evaluation of a poet on the basis of the prescribed poems

Group B & C

3. One Critical Question out of Two alternatives each from THE RAPE OF THE LOCK and THE SCHOLOAR GIPSY

Group D

Candidates have to Define two Literary Terms with suitable illustrations out of 4 alternatives in about 100 words each.

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Distribution of marks:

1.	Explanation	8 × 3 = 24
2.	Critical Questions from Group A, B & C	14 × 4 = 56
3.	Literary & Prosudic Terms	3 × 2 = 6
4.	Scansion of a stanza	4 × 1 = 4
5.	Objective type questions	10 × 1 = 10
	Aggregate	100 marks

Books Recommended :-

1. THE ESSENTIALS OF RHETORIC, PROSODY AND PHONETICS M.N. BOSE (Motilal Banarsidas)
2. PRACTICAL ENGLISH PROSODY : B Blackstone (Orient Longman)

ALTERNATIVE ENGLISH

(For those students not offering a full paper of Hindi as a compulsory subject)

PAPER-I

Duration of examination : 1.30 hrs. Full Marks-50

A. Poetry

The Book Prescribed :-

THE MYSTIC DRUM : Eds. Vilas Salunke : Etal Orient Longman

The Poems Prescribed :

1.	Men Call you Fayre	: E. Spenser
2.	The Invocation	: J Milton
3.	The Sunne Rising	: J Donne
4.	Easter Wings	: G Herbert
5.	To His Coy Mistress	: A Marveell
6.	Kubla Khan	: S.T. Coleridge
7.	My Last Duches	: R Browning
8.	Journey of the Magi	: T.S. Eliot
9.	Sailing to Byzantium	: W.B. Yeats
10.	Swan and Shadow	: J. Hollander

B. Fiction

The book prescribed : **Where Angels Fear to Tread** :- E.M. Forster

C. Comprehension

The Books Recommended

COMPREHENSION EXERCISE FOR COLLEGE : M.Q. Towheed (Orient Longman)

D. Translation/Phonemic transcription

The book recommended :

1. The fourteenth/fifteenth edition of Daniel Jone's ENGLISH PRONOUNCING DICTIONARY
2. The Current edition of the ADVANCED LEARNER'S DICTIONARY
3. The Longman Dictionary of Contemporary English.

Division of marks :

1. One question with an alternative on poetry : 10 marks
2. One question with an alternative on fiction : 10 marks
3. One short comprehension passage followed by three Questions, two of which carrying threee marks each and one carrying four marks (3+3+4) : 10 marks
4. A passage in English for translation into Hindi : 10 marks
5. Phonemic transcription of ten isolated words from the prescribed texts : 1x10 = 10 marks

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ENGLISH (Higher Standard)

(For non- Indian domicile students)

PAPER- I

Duration of examination : 3 hrs. Full Marks : 100

A. Poetry -- **The book prescribed ;** THE NEW GOLDEN TREASURY Eds. R.C. Prasad and M.Q. Towheed (Motilal Banarsidas)

The Poems prescribed :

1.	A Renouncing of Love	: Sir Thomas Wyatt
2.	Prothalamion	: Edmund Spenser
3.	Loving in Truth	: Sir Philip Sidney
4.	Cleopatra	: William Shakespeare
5.	If It Were Done	: William Shakespeare
6.	The Pulley	: George Herbert
7.	Go, Lovely Rose	: Edmund Waller
8.	The Scholar's Life	: Samuel Johnson
9.	The Tiger	: William Blake
10.	Books and Nature	: William Wordsworth
11.	Kubla Khan	: S.T. Coleridge
12.	Ode to the West Wind	: P. B. Shelley
13.	Ode to a Nightingale	: John Keats
14.	The Brook	: Alfred Lord Tennyson
15.	God's Grandeur	: G. M. Hopkins
16.	The Wild Swans at Coole	: W.B. Yeats
17.	Gerontion	: T.S. Eliot
18.	Strange Meeting	: Wilfred Owen
19.	Affinity	: R.S. Thomas

B. A Long Poem

The text Prescribed : THE EVE OF ST AGNES : John Keats

C. A Modern Play

The text Prescribed : ALL MY SONS : Arthur Miller

D. A Travelogue / An Anthology of Prose

Text Prescribed : A PASSAGE TO ENGLAND Nirad C. Choudhuri

E. Notes on Literary and Prosodic Terms (For Example) Poetry, Drama, Novel, Short Story, Essay, Lyric, Sonnet, Ballad, Elegy, Epic, Melodrama, One Act Play, Story, Irony, Simile, Metaphor, Alliteration, Rhyme.

Division of marks

A. One question to be answered from each of the four prescribed texts $15 \times 4 = 60$ marks

B. Explanation of two passages out of the prescribed texts in Group A & B containing two passages from each of them $10 \times 2 = 20$ marks

C. Short Notes with Illustrations $5 \times 2 = 10$ marks

D. Objective type questions $1 \times 10 = 10$ marks

Total 100 marks

ENGLISH (General/Subsidiary Course)

PAPER-I Full Marks- 100 Duration of examination 3 hrs

(A) 1.Basic language skill : Grammar and usage Common Errors. Correct form of

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Verbs, Joining of Clauses. Re. Writing sentences, Single words for groups of words, synonyms and antonyms

2. Comprehension of unseen passage.
3. Composition: Paragraph writing :
4. Precis/Summary writing.

Books Recommended :

1. Living English Grammar and Composition : Tickoo, subramanniam and Subramanniam.
2. Modern English : A Book of Grammar, Usage and Composition (N. Krishnaswamy) : Macmillan
3. Practical English Grammar ; Thomson and Martin ELBS.

(B) Poetry

The book prescribed : The Mystic Drum, Edts Vilas Salunke at al Orient Longman.

1.	Poor soul, the centre	William Shakespeare
2.	Londen	William Blake
3.	A Slumber did my spirit seal	Willian Wordsworth
4.	She walks in Beauty	Lord Byron
5.	Break Break Break	Alfred Lord Tennyson
6.	Neutral Tones	Thomas Hardy
7.	Futility	Wilfred Owen
8.	Spring and Fall	Gerard Manley Hepkins
9.	A Noiseless Patient Spider	Walt whitman
10.	After Great Pain	Emily Dickinson
11.	Hunger	Jayant Mahapatra
12.	The Old Playhouse	Kamala Das

(C) Prose :

Book Prescribed : Exploration of Ideas (Orient Blacks-Wan)

The following pieces are prescribed:

1.	India Our Mother land	:	Swami Vivekanand
2.	Face to Face with Ahimsa	:	M. K. Gandhi
3.	The Spirit of Freedom	:	R. N. Tagore
4.	Womens Role in National Development	:	Subhash Chandra Bose
5.	Unity Amidst Diversity	:	Dr. Rajendra Prassad
6.	Purdah: The Need for its Abolition	:	Dr. Rukhmabai
7.	How Free is the Press	:	Dorothy L Sayers
8.	Work Brings Solace	:	A P J Abdul Kalam
9.	Annihilation of Caste	:	B R Ambedkar

Division of marks :

1.	Grammar- four items of five marks each (Objective type question)	1 x 5 x 4 = 20 marks
2.	Comprehension	14 marks
3.	Paragraph Writing	10 marks
4.	Precis Writing	12 marks
5.	One critical questions with an alternative on Poetry	15 marks
6.	One critical question with an alternative on Prose	15 marks
7.	Two passages for explanation out of two alternatives each from poetry and prose	14 marks
		Total 100 marks

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संस्कृत प्रतिष्ठा

प्रथम खण्ड में दो पत्र होंगे। प्रत्येक पत्र 100 अंकों का होगा और परीक्षा की अवधि तीन घंटों की होगी। वस्तुनिष्ठ प्रश्न 20 अंकों के होंगे। प्रथम पत्र के वस्तुनिष्ठ प्रश्न केवल व्याकरण से सम्बद्ध होंगे।

प्रथम पत्र- व्याकरण एवं रचना 100 अंक

(i) व्याकरण- 70 अंक

पाठ्यांश- प्रत्याहार सूत्र, सञ्ज्ञा, सन्धि, कारक प्रकरण और प्रमुख कृत् प्रत्यय।

अंक-विभाजन

(क) वस्तुनिष्ठ प्रश्न-दस -2 x 10 = 20 अंक

(ख) 5 सूत्रों की व्याख्या -7 x 5 = 35 अंक

(ग) कृत् प्रत्यय प्रकृति-प्रत्यय-विभाग, संयोग और वाक्य प्रयोग) 4 + 3 + 8 = 15 अंक

अनुशंसित पुस्तकें :- लघु सिद्धान्त कौमुदी (वरदराज)-व्याकरण, (क)भीमसेन शास्त्री(ख)श्री धरानन्द शास्त्री(ग)महेश सिंह 'कुशवाहा'(घ)कपिलदेव द्विवेदी

(i) रचना - 30 अंक

(क) हिन्दी से संस्कृत में अनुवाद - 10 अंक

(ख) संस्कृत से हिन्दी में अनुवाद - 10 अंक

(ग) अशुद्धि संशोधन - 10 अंक

अनुशंसित पुस्तकें

रचनानुवाद कौमुदी-कपिलदेव द्विवेदी

द्वितीय पत्र- इतिहास एवं काव्य 100 अंक

(क) संस्कृत साहित्य का इतिहास 20 अंक

पाठ्यांश- रामायण, महाभारत, पुराण, महाकाव्य, खण्डकाव्य (गीतिकाव्य), रूपक, गद्यकाव्य।

अंक-विभाजन (क) वस्तुनिष्ठ प्रश्न-दो -2 x 2 = 4 अंक

(ख) आलोचनात्मक प्रश्न एक -10 x 1 = 10 अंक

(ग) टिप्पणियाँ दो -3 x 2 = 06 अंक

20 अंक

अनुशंसित ग्रंथ

संस्कृत साहित्य का समालोचनात्मक इतिहास- डॉ0 रामविलास चौधरी

(ख) काव्य- 80 अंक

पाठ्य ग्रन्थ -

(i) श्रीमद्भगवद् (गीता द्वितीय अध्याय)- व्यास - 20 अंक

(ii) मेघदूतम् (पूर्व मेघ)-कालिदास- 30 अंक

(iii) किरातार्जुनोयम् (प्रथम सर्ग)- भारवि 30 अंक

अंक विभाजन-

(क) वस्तुनिष्ठ प्रश्न क्रमशः 2 + 3 + 3 = 8) 2 x 8 = 16 अंक

(ख) अनुवाद- तीनों ग्रन्थों से एक-एक 4 x 3 = 12 अंक

(ग) व्याख्या तीनों ग्रन्थों से संस्कृत में एक-एक 6 + 8 + 8 = 22 अंक

(घ) आलोचनात्मक प्रश्न (तीनों ग्रन्थों से एक-एक) 6 + 12 + 12 = 30 अंक

80 अंक

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अनुशंसित ग्रन्थ-

(1) श्रीमद्भगवद्गीता (द्वितीय अध्याय) व्या-तारिणीश शर्मा, प्रकाशक-राम नारायण लाल बेनी प्रसाद इलाहाबाद-2

(2) मेघदूतम्-व्या0 डॉ0 रामकृष्ण आचार्य, विनोद पुस्तक मन्दिर, आगरा।

(3) किरातार्जुनीयम्- व्या0 तारिणीश झा, प्रकाशन केन्द्र लखनऊ

बी0 ए0 संस्कृत सामान्य तथा अनुपूरक

इसमें 100 अंकों का एक पत्र होगा। परीक्षा का अवधि तीन घण्टों की होगी।

प्रथम पत्र- व्याकरण, रचना तथा काव्य- 100 अंक

कुल वस्तुनिष्ठ प्रश्न 10 होंगे- 2 x 10 = 20 अंक

(क) व्याकरण- 30 अंक

(i) प्रत्याहार सूत्र, सन्धि एवं कारक- 10 अंक

(किन्हीं चार सूत्रों का सोदाहरण अर्थ लिखें)

(ii) शब्दरूप- 5 x 2 = 10 अंक

(किन्हीं दो शब्दों का रूप लिखें)

राम, हरि, शम्भु, रमा, स्त्री, पितृ, मातृ, पचत्, राजन् विद्वस्, ज्ञान, वारि, शुचि, मधु, सर्व, अदस्, तद् इदम, एतद् अस्मद्, युष्मद्, इत्यादि।

(iii) धातुरूप-

(किन्हीं धातुओं के रूप- लट्/लङ्/लृट् में लिखें) 5 x 2 = 10 अंक

भू, पठ् गम्, पच्, कृ, अस्, वृत, (होना), विद्, (होना), अद्, एघ्, सेख्, इत्यादि।

(iv) इसमें वस्तुनिष्ठ प्रश्न - 3 होंगे- 2 x 3 = 6

(ख) रचना-

इसमें वस्तुनिष्ठ - 3 प्रश्न होंगे- 2 x 3 = 6 अंक

(i) हिन्दी से संस्कृत में अनुवाद- 10 – 2 = 8

(ii) संस्कृत से हिन्दी में अनुवाद - 10 – 2 = 8

(iii) वाक्य रचना एवम् अशुद्धि संशोधन- 10 – 2 = 8

(ग) काव्यग्रंथ -

मेघदूत (पूर्वभाग) - कालिदास - (अंक विभाजन)

(i) इसमें वस्तुनिष्ठ प्रश्न 4 होंगे- 2 x 4 = 8

(ii) दो पद्यों के अनुवाद- 6 x 2 = 12

(iii) एक पद्य की व्याख्या- 8 x 1 = 8

(iv) एक समालोचनात्मक प्रश्न- 12 x 1 = 12

अनुशंसित पुस्तकें :-

(i) लघुसिद्धान्त कौमुदी व्या0- (क) भीमसेन शास्त्री।

(ख) श्रीधरानन्द शास्त्री।

(ग) महेश सिंह कुशवाहा

(ii) प्रारम्भिक रचनानुवाद कौमुदी- कपिलदेव द्विवेदी

(iii) बृहद् अनुवाद चन्द्रिका - चक्रधर नौटियाल "हंस"

(iv) संस्कृत अनुवाद चन्द्रिका - हरिमोहन झा।

(v) अनुवाद चन्द्रिका - ब्रह्मानन्द त्रिपाठी

(vi) मेघदूतम् (कालिदास) व्या0 - रामकृष्ण आचार्य, विनोद पुस्तक मन्दिर, आगरा।

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ECONOMICS Pass / Subsidiary

PAPER-I : INDIAN ECONOMICS

Module 1 : Characteristics of Indian Economy

Module 2 : India's National Income : Growth and Structural Changes

Module 3 : Agricultural development under the Plans :
(i) Green Revolution (ii) Agriculture Finance
(iii) Land Reforms (iv) Agriculture labour Problems and Measures

Module 4 : Industrial Development under the Plans :
(i) Industrial Policy 1956 and 1991
(ii) Growth and Problems of Public sector Enterprises in India
(iii) Role and Problems of Small Scale Industries in India

Module 5 : Foreign Trade of India (i) Trends in Foreign Trade of India
(ii) Export Industries in India.

Module 6 : Problems of Poverty and Un-employment in India

Module 7 : Price Trends under the Plans

Module 8 : Population Problem and Policy

Books Recommended :

1. J.S. Uppal India's economic Problem
2. Rudra Dutta and Sundaram : India's Economy
3. A.N. Agrwal : Indian Economy
4. Mishra and Puri-Indian Economy
5. Pramit Choudhary - Indian Economy
6. मामोरिया एवं जैन भारत की आर्थिक समस्याएँ

ECONOMICS HONOURS

PAPER 1 : MICRO ECONOMICS

Module 1 : INTRODUCTION - Nature & scope of economics. Micro & Macro economics static & Dynamic Analysis

Module 2 : CONSUMER'S BEHAVIOUR Theory of consumer demand (a) Utility Analysis (b) Indifference Curve Analysis (i) Nature & Properties (ii) Consumer's Equilibrium (iii) Income Effect . Substitution Effect & Price Effect, Law of Demand, Elasticity of Demand Price, Income & Cross Consumer's Surplus.

Module 3 : THEORY OF PRODUCTION & COSTS Law of Production (a) Law of variable Proportions (b) Returns to scale (c) Isoquants Properties and Producer's Equilibrium, Concept of cost & Revenue Curves-U-shaped cost curve.

Module 4 : MARKET STRUCTURE Analysis of Market structure determination under perfect competition, and monopoly price discrimination. Equilibrium of Firm & Industry Under Perfect competition.

Module 5 : FACTOR PRICING Marginal productivity theory of distribution. Ricardian & Modern theories of rent. Theory of wages & Theories of Profit -Knight and schumpeter.

Module 6 : WELFARE ECONOMICS Problems in measuring Welfare, Classical welfare economics pareto's criteris

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Books Recommended :

1. Koutsoyiannis A. Modern Economics, Macmillan
2. Stonier , A.W.&D.C. Bague. A Text book of Economic theory , ELBS & Longman Group, London
3. Lipsey, R.G. and K.A. Chrystal. Principle of Economics, Oxford University Press, Oxford.
4. Watson Price Theory and its Uses.
5. H.L. Ahuja – Advanced Economic Theory.
6. Shiv Kumar Singh – Mulya Ka Sidhant
7. K.P. Jain – Arthashastra Ke Sidhant.

PAPER- II Indian Economy with reference to Bihar

Module 1 : STRUCTURE OF AT THE INDIAN ECONOMY Basic features, Forest resources. Problems of growing Population ; Population Policy. Source of Energy & Energy crisis in India.

Module 2 : PLANNING IN INDIA Objectives strategy, Indian economy on the Eve of Planning-Planning in India-Achievements & Failure; Current Five Year Plan.

Module 3 : ECONOMIC REFORMS Liberalization, Privatization and globalization; Rationale behind economic reforms ; Progress of Privatization and Globalization

Module 4 : AGRICULTURE Nature & importance : Trades in agricultural Production & Productivity, Factor determining Productivity, Land Reforms New agricultural strategy & green revolution, Rural credit Agricultural Marketing.

Module 5 : INDUSTRY Indusrial development under the Plans Industrial Policy of 1956 and 1991; Industrial Licensing policy MRTP Act FERA & FEMA; Growth & problems of small Scale Industries ; Role of Public sector enterprises in India's Industrialization disinvestments

Module 6 : TRANSPORT Road, Railways. Airways

Module 7 : INDIAN LABOUR Trade Union movement

Module 8 : EXTERNAL SECTOR Foreign Trade & plans, Trends in India's Foreign Trade Export promotion, Measures ForeignCapital FDI and Multinational Corporations (MNCS)

Module 9 : IMPORTANT AREAS OF CONCERN Poverty and inequality, unemployment problem, price rise, Industrial relations

Module 10: Nature & Causes of Under development of Bihar

Books Recommended

1. Datt. R. & K.P.M. Sundharam, Indian Economy, S. Chand & Company Ltd. New Delhi.
2. Mishra S.K. & V.K. Puri Indian Economy its Development Experience , Himalaya Publishing House. Mumbai.
3. J.S. Uppal India's Economic problems
4. A.N. Agrawal – Indian Economics
5. Pramit Choudhary - Indian Economy
6. ममोरिया एवं जैन - भारत की आर्थिक समस्यायें ।
7. Dr. K.N. Prasad - The Economy of Bihar

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REGULATIONS FOR BACHELOR OF ARTS (GENERAL/HONOURS) EXAMINATION (THREE YEARS DEGREE COURSE)

Duration of Course

1. The Bachelor of Arts (General/ Honours) Course shall cover a period of three academic years and shall be known in the first year of study as the B.A.(General / Honours) Part- I, in the Second year of study as the B.A. (General/ Honours) Part-II and in the third year of study as the B.A. (General/ Honours) Part- III course.

Qualifications for Admission.

2. A student may be admitted to the course of instructions for the degree of Bachelor of Arts (General/ Honours) if he has passed the Intermediate examination of a Board/ University established or incorporated by Law or any other examination recognised by the University as equivalent to.

Provided that for admission to the course of instructions for the Honours degree in any subject it shall be necessary for a student to have obtained not less than 45% marks at the Intermediate examination in the subjects concerned, or in an allied subject as determined by the Academic Council in case the subject was not prescribed for study at the Intermediate level.

Subjects for B.A. (Gen.) examination and structure of courses.

3. 1 A candidate for the B.A.(General) examination shall be required to offer and be examined in three optional subjects comprising nine papers, and one/two languages as composition comprising two papers, and one paper on General Studies, totalling twelve papers, divided into four papers for each part of the course according to the following structure.

Examination	Optional Subjects	Composition	General Studies	Total
B.A. Gen. Part-I	3 Papers (Paper - I from three subjects)	1 Paper Paper I		4 Papers
B.A. Gen. Part-II	3 Papers (Paper -II) from three Subjects)	1 Paper Paper II		4 Papers
B.A. Gen. Part-III	3 Papers (Paper-III) from three Subjects)		1 Paper	4 papers
Total	**9 papers**	**2 Papers**	**1 Paper**	**12 Papers**

3.2 Each of these papers shall carry 100 marks including 25 marks for practical examination where ever practical examination is prescribed.

3.3 (i) A candidate for the B.A. (General) examination shall choose any three of the following optional subjects.

1. Any one of the following language and literature subjects Sanskrit, Prakrit, Pali, Arabic, Persian, Hindi, Bhojpuri, Maghi, Urdu, Bengali, Oriya, Nagpuri, Khariya, Kurmali, & English.

2. Ancient Indian History & Culture/ Archaeology Or Ancient Indian & Asian Studies. 3. History 4. Political Science. 5. Economics. 6. Philosophy, 7. Sociology, Rural Economics, 10. Labour and Social Welfare 11. Public Administration, Buddhist Studies, 13. Music, 14. Gandhian Thought, 15. Home Science. (For Women Only) Geography, 17. Mathematics. 18. Statistics and 19. Anthropology.

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SOCIOLOGY GENERAL/SUBSIDIARY

Time:-3 Hours Full Marks-100.

PAPER I PRINCIPLES OF SOCIOLOGY

1. Definition, Scope and Relation with Anthropology, Psychology, Political Science and Economics.
2. Social Strucfure: Meaning and Characteristics.:
3. Social Group : Characteristics and Classification : Primary and Secondary;.
4. Social Organization : Characteristics, Elements, Distinction between Social Organization and Disorganization
5. Social Change : Factors, Biological, Technological and Cultural, Evolution and Progress.
6. Social System : Characteristics and Elements.
7. Caste and Class.
8. Culture : Characteristics, Elements, Culture and Civilization.
9. Social Control Agencies- Family, Religions, Morality, Law and Custom.

Books Recommended:-

1. G.K. Agrawal :- Samajshastra.
2. Madan Mohan Saxena:-Samajshastra.
3. D.S. Baghal- Samajshastra.
4. D.S.C.Gupta:-Samajshastra Darpan.
5. Singh and Mart:-Samajshastra Ka Sidhanta 6.Gupta and Sharma Samajshastra.
7. R.M. Maciver and C.H. Page:-Society :An Introductory Analysis.
8. P.Gisbert:-Fundamentals of Sociology.
9. M.M.Lavaniya &S.K.Jain:-Sidhantik Samajshastra.
10. J.P. Singh - Samajshastra: Abdharna Abam Sidhant.

SOCIOLOGY HONOURS

Time-3Hours Full Marks-100

Introduction to Sociology

PAPER-I

1. Nature and Scope of Sociology, Rise and Development of Sociology with special reference to Indian Society.
2. Social Group Classification ; Reference Group: Concept and its effect on human behaviour
3. Basic Concepts Society, Community. Institution, Association, Group, Social Structure, Status & Role.
4. The Individual and Society : Relation between Individual & Society.
5. Social Control : Relevance, Agencies and machanism.
6. Culture : Characteristics, Type and Culture and Civilization.
7. Family : Characteristics, Types, functions and Recent Changes.
8. Social Change : Factors-Demographic, Technological and Cultural.
9. Social Staratification : Bases & Types, Caste and Class.
10. Social Mobility : Concept and Factors.

Books Recommended :

1. R.M. Maclver and C.H. Page - Society.
2. P. Gisbet - Fundamentals of Socilogy
3. Gillin and Gillin - Cultural Sociology.

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4. T.B. Bottomore - Sociology.
5. Young and Mack - Sociology.
6. R.N. Mukherjee - Uchchter Samajshastriya Sidhanta
7. G.K. Agrawal - Samajshastra.
8. Singh and Mart - Samajshastra Kay Sidhanta
9. Satyadev - Samajshastra Kay Sidhanta
10. J.P. Singh - Samajshastra : Abdharnaya Abam Sidhant.
11. M.M. Lavaniya & S.K. Jain - Sidhantik Samajshastra
12. D.S. Baghel - Samajshastra

PAPER-II KINSHIP, MARRIAGE AND FAMILY

Time-3 Hours Full Marks-100

1. **Kinship System :**
   A. Kinship : Nature and Significance.
   B. Basic Concepts ; Incest, Consanguinity, Affinity, Clan, Lineage. Kindered.
   C. Kinship Terminology.
   D. Kinship Usages.
2. **Marriage :**
   A. Rules of Marriage : Endogamy, Exogamy, Monogamy Polygamy, Levirate and Sorrorate , Hypogamy and Hypergamy.
   B. Marriage Transactions ; Dowry & Brideprice.
   C. Challanges to Marriage as an Institution.
3. **Family :**
   A. Family Structure and Composition.
   B. Changes in Family
   C. Family and Women Violence.

Books Recommended :

1. Leela Dube - Women and Kinship: Comparative Perspectives on Gender in South and South East Asia.
2. Robin Fox- Kinship and marriage : Anthropological Perspective.
3. International Encyclopaedia of Social Science.
4. R.M. Keesing: Kin Groups and Social Structure.
5. A.M. Shah : The Family in India : Critical Essays.
6. Patricia Uberoi : Family, Kinship and Marraige in India .
7. T.N. Madan : Family and Kinship : A Study of the Pandits of Rural Kashmir.
8. Iravati Karve : Kinship Organisation in India.

HISTORY

Objective question of 20 Marks in each paper for all courses.

HISTORY PASS/SUBSIDIARY COURSE

PAPER - I HISTORY OF INDIA UP TO 1200 A.D.

Unit I Social and Cultural

1. Survey of the sources
2. Prehistoric culture : Main features
3. Harappan civilization- origin, Town planning and decline of the civilization.
4. The vedic Age- Society and Religion
5. Social developments- Varna, Jati, Sanskaras and Purusharthas
6. Rise of new religious movements in North India- Buddhism and Jainism

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7. The Mauryan Empire-Ashoka's dhamma and Architecture.
8. Post Mauryan Period -Kushanas and Satavahanas-Society, Religion, Art & architecture
9. The Gupta Empire-Society, art, architecture, literature, science.
10. Position of Women

Unit II- Political and Economic

1. Harappan Civilization-Nature of Political and economic organization.
2. The Vedic Age- Polity and economy.
3. Rise of territorial states
4. The Mauryans - Administration and economy
5. The Gupta empire
   A. Conquests of Samudra Gupta
   B. Conquest of Chandra Gupta II
   C. Gupta administration
   D. Economy
6. Post Gupta period-Polity and economy, (750 - 1200) Palas, Pallavas, Chol
7. Invasion of the Arabs-Ghaznavids and Ghorid Invasions and their impact

HISTORY HONOURS COURSE

PAPER- I - HISTORY OF INDIA UPTO 650 A.D.

TOPICS :

Unit 1 : Sources

Unit 2 : Beginning of Indian culture :-

(A) Paleolithic culture.

(B) Chaleolithic cultures: The Harappa civilization ; Origin, extent urbanisation religion, society, culture and decline.

Unit 3 : The Vedic Age -

Polity, society, economy and Religion.

Unit 4 : Janism and Buddhism

Unit 5 : Janapadas and Mahajanapadas

Unit 6 : The Mauryan Empire :-

A. Territorial expansion.
B. Mauryan Polity
C. Ashoka's Dhamma
D. Society, Art and architecture.

Unit 7 : Post Mauryan development, 200 BC-300 A.D.

A. Greek invasion and their impact
B. The Kushanas :- Polity, Society, religion, Culture, economy.
C. The satavahanas :- Polity, society, religion, culture, economy

Unit 8 : Age of the Guptas :-

A. Expansion of the Gupta empire with special reference to Samudra Gupta and Chandra Gupta II
B. Administration
C. Cultural development
D. Social and economic changes

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Unit-9 : Post Gupta Period :-

A. Harshavardhana :- empire, administration
B. The Palas
C. Peninsular India Chalukyas, Pallavas and Cholas : Polity, Society, art, architecture and culture.

PAPER - II HISTORY OF MODERN EUROPE , 1789-1945

Unit I : A. French Revolution :-
Ancient regime, Role of philosophers and other social classes, legacy of the French Revolution.

B. Emergence of Napoleon Bonaparte- Rise, Contributions, Downfall
C. Congress of Vienna- Concert of Europe, Matternich system revolutionary Movements of 1830-1848
D. Changes and developments 1848.-1871 Italian unification, Change in France (Louis Napoleon III)

Unit 2 : A. Europe between 1871-1914 :-
Bismarckian diplomacy, Eastern question World war I- Causes and effects

B. Europe 1914 - 1945 :-
Russian revolution of 1917. Paris Peace Settlement, Greal depression and Fascism and Nazism, Origin of World War II
C. Place Initiatives:–
League of Nations & U. N. O.

POLITICAL SCIENCE SUB/GEN

In each paper students have to answer five questions encluding one compulsory question that will consist of twenty multiple-choice (objective) questions.

PAPER - I Political Theory

Course Rationale :

This is an introductory paper to the concepts, ideas and theories in Political. Theory. It seeks to explain that evolution and usage of these concepts, ideas and theories with reference to individual thinkers both historically and analytically. The different ideological standpoints with regard to various concepts and theories are to be critically explained with the purpose of highlighting the difference in their perspectives and in order to understand their continuity and change. Further more there is a need emphasige the continuing relevence of these concept today and explain how an idea and theory of yester years gains prominence in conteporary political theory.

Course content

1. Nature and significance of Political Theory
2. Power and Authority
3. State : Origin and Development
4. Soverignty
5. Citizenship, Rights and liberty
6. Equality and Justice
7. Democracy
8. Development and Welfare State.
9. Theories of Social Change.
10. Political Ideology : Gandhism and Marxism.

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Books Recommended :

1. An Introduction to political theory (Macmilan, India limites)--O.P. Gaufe
2. Comparative Politics - Sterling Publisher Pvt. Ltd. - J.C. Johri
3. Principle of political Science -N. N. Agrawal (Vidya Bhushan, Vishnu Bhagwan)
4. Political Theory ; Indias of Institution : Raj and Bhattacharge- The World Press Pvt. Ltd.
5. राजनीति शास्त्र के सिद्धान्त - अनूपचंद कपूर
6. राजनीति शास्त्र के सिद्धान्त- जैन एवं फाड़िया 7. राजनीति शास्त्र के सिद्धान्त- पुखराज

HONOURS COURSE

PAPER-I (BASIC PRINCIPLES OF POLITICAL THEORY)

Course Rationale : This is an introductory paper to the concepts,

Course Rationale :

This is an introductory paper to the concepts, ideas and theories in Political theor It seeks to explain the evolution and usage of these concepts, ideas and theories wi reference to individual thinker both historically and analytically. The different ideologic standpoints with reward to various concepts and theories are to be critically explain with the purpose of highlighting the difference in their perspective and in order understand their continuity and change. Further more there is a need to emphasize t continuing relevance of these concepts today and explain how an idea and theory yester years gains prominence in contemporary political theory

Course content.

1. (a) Political Theory – Meaning , Nature, Characteristics and Significance,
   (b) Approaches to Political Science : Traditionals Modern
2. State-Theories of origin of state
3. Sovereignty -(a) Monism, (b) Pluralism
4. Law, Liberty, Equality- Meaning , Kinds and Relationship
5. Rights, Meaning and kinds Theories of Rights.
6. Democracy- Meaning. Merits, Demerits and Conditions for its success
7. Function of a welfare State
8. Concept of Political System- Easton and Almond.
9. Political Culture and Political Socialization
10. Power and Authority and Influence
11. Marxism.
12. Political Elite

Rading of Books Recommended :

1. Political Theory by Ashirvadam
2. Political Theory by A.C. Kapur
3. राजनीति शास्त्र के सिद्धान्त - जैन एवं फाड़िया
4. राजनीति शास्त्र के सिद्धान्त-पुखराज
5. राजनीतिशास्त्र के सिद्धान्त - ओ0 पी0 गांवा ।

PAPER - II INDIAN POLITICAL THOUGHT

Course Rationale :

This is an introductors paper to the concepts, ideas and theories that developed India . It highlights the main sources of the political tradition in ancient Indian and development in modern times. It focusses on key thinkers from ancient to mode times to understant their seminal contribution to the evolution of political theorizing India. It critically assesses their contribution and explains their relevance

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contemporary times. It emphasizes on the distinctive contribution of India thinkers to Political theorizing and the relative autonomy of Indian political thought. It also situates Indian Political thought vix-a-vis other traditions.

Course Content

1. Sources of Indian Political Thought., Mahabharat, Vedas, Ramayan, Geeta
2. Kautilya-Saptanga, Mandal, Kingship
3. Dayanand Saraswati (i) His Social Philosophy (ii) Political Philosophy (iii) Indian Nationalism
4. Swami Vivekanand (i) concept of Universal Religion (ii) As socialist (iii) Political Thought of Vivekanand
5. Gopal Krishna Gokhle (i) Political Thought of Gokhale (ii) Economic idea of Gokhle
6. Bal Gangadhar Tilak (i) Educational idea of Tilak (ii) Tilak as a social reformer (iii) Political philosophy of Tilak.
7. Sri Aurabindo (i) Theory of Nationalism and Human Unity, (ii) View on world Unity and World Govt.
8. Mahatma Gandhi- Philosophy of Freedom. Economic Philosophy Political Philosophy.
9. Manavendra Nath Ray- Radical Humanism (ii) Economic idea of M.N. Ray
10. Jayprakash Narayan- Sampurna Kranti
11. B.R. Ambedkar- As a social reformer

Readings Books Recommended :

1. Modern Indian Political Thought by V.P. Verma
2. Indian Political Thinkers by Vishnu Bhusan
3. भारतीय राजनीतिक चिंतन – डॉ0 ए0 अवस्थी एवं डा0 आर0 के अवस्थी
4. भारतीय राजनीतिक चिंतन- डॉ0 पुखराज जैन
5. भारतीय राजनीतिक चिंतन – डॉ. बी एल. फाड़िया

HOME SCIENCE HONOURS

PAPER-I FOOD AND NUTRITION 75-Marks

1. The concept of Food and Nutrition :
   (i) Definition of Food and the definition of Nutrition, Nutritional Status.
   (ii) Scope and object of Nutrition Science.
2. Classifiation of Food stuffs and their description.
3. Nutrition ; (i) Classification of nutrients and their role in living system
   (ii) Classification, Chemical composition, Sources, functions, daily requirements deficiency symptoms/diseases and disadvantages due to excessintake of Carbohy drates, Fats, Proteins, Vitamins and Minerals.
   (iii) Digestion, absorption and metabolism of Carbohydrates, Fats and Proteins.
4. Water : Distribution of water in the human body, water balance, functions defi ciency symptoms and daily requirements.
5. Nutritive value of Foods : Classification, structure, composition and nutritive value of Cereals Pulses, Vegetables, Fruits, Milk and Milk Products, Fats and Oils Meat, Fish Eggs. Beverages. Spices, Sugar and Jaggery, Oil seeds and Nuts.

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6. Energy (Calorie) Requirements : (i) Need for energy, definition of Calorie and factors affecting calorie requirements.
(ii) Basal Metabolism and factors affecting Basal Metabolic Rate (B M B)
7. Balanced Diet : (i) Concept, Characteristics, factors influencing balanced diet, food to be included in balanced diet. (ii) Meal planning for Diwali, Holi, Id, Christmas Picnic and birthday party.
8. Malnutrition : Concept, causes, Hazards, symptoms and measure to present it.
9. Cooking Methods : Their effect on the nutritive value of foods.
10. Storage and Preservation of Foods Importace of Storage and presevation, Storage of food Principles of food preservation, Causes of food spoilage ; methods of preser vation.
11. Food Adultration : A national problem, measures of control, Consumer's responsibilities.
12. Food Management

PAPER-II HOUSING & FURSHING

75 Marks

1. Selection of House : (i) Aims, Principles of Planning the home ; means to acquire home ; selection of site (ii) Building materials
2. Planning and decoration of room : (i) Planning of rooms, making divison of rooms (ii) Arrangement and decoration of rooms- some common factors to be cosider for all the rooms of a house ; (iii) Arrangement and decoration of Bed room. Dinning room, Drawing room, Guest room. Family living Room, Young children's room Bathroom.
3. Arrangements of Kitchen : (i) Importace of kitchen ; construction, design and arrangement of kitchen, working centres for different activities performed in kitchen factors to consider for the proper arrangement in kitchen, precautions in kitchen (ii) Types of Kitchen
4. Organization of Household works.
5. Time and labour saving devices.
6. Interior decoration : (i) Meaning, importance of artistic attitude in interior decoration; style of decoration; furnishing materials, (ii) Principles of interior decoration.(iii) Elements of Arts and Design (iv) Design-Natural, Geometrical, Abstract, Structural and Decorative ; Judgement of a good design (v) Alpana
7. Home decoration Accessories : (i) Different kinds of accessories (ii) Basis of the selection of decorative materials.
8. Flower Arrangement : Aims types, Principles of flower arrangement ; some suggestions and precautions for flower decoration.
9. Importance of Colour in decoration : (i) Types, principles of colour Prang's colour system and Mumshell colour system (ii) Importance of different colours (iii) Colour scheme (iv) Factors affecting colour arrangement. (v) Use of colours in decoration and precartions to be taken.
10. Furniture : (i) Qualities / Characteristics (ii) Points to consider while selecting and purchasing new furniture, precautions (iii) Types of furniture. (iv) Principles of furniture arrangement
11. Cleaning and Care of House : (i) Importance of cleaning (ii) Method of cleaning weekly, monthly and yearly cleaning (iii) Important factors to be considered for cleaning

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12. Kitchen garden : Importance and constribution to family from different point of view- (e.g health, nutrition, economy, development of interest, attitude, skill , knowledge self confidence)

HOME SCIENCE Composite

PRACTICAL : PAPER

Time 3 hours Full Marks - 50

1. Isolation of Carbohydrate and Protein from food stuffs
2. Detection of Carbohydrate/Protein by colour reaction
3. Testing for adulteration in ghee, edible oil, milk & tireroc.
4. Making a colour wheel of different colour sohemes showing their Position on colour wheel.
5. Layout furniture arrangement in different rooms.
6. Flower arrangement in different styles.
7. Planning of meals and calculation of their nutritive value for a preganant lady. mother, five year old child, on adult office worker, labourer and a sixty two year old person.
8. Cleaning of metals, crockeries and household applicances.
9. Stain removal : Rust, Tea-cofee, Paint, Dye,nail polish, Varnish, Oil-Fat, Ins Sweat Betal.
10. Food Preparation and Classifying recipes as good, moderate or poor sources of specific nutrients,
    (a) Beverages (b) Cereal and flour mixtures-basic Preparations, pulses.
    (c) Vegetables (d) Fruits (e) Milk (f) Soups (g) Snacks (h) Sweets
11. Record Book - 12. Viva-Voce

HOME SCIENCE COMPOSITE

GENERAL / SUBSIDIARY

PAPER-I Full Marks-75

Candidates have to answer 5 Questions, selecting at least two from each group.

Group-A : Diet in Health and disease

1. Planning diets :
   Concept of an adequate diet, Principles involved in planning diets, Factore affecting the Planning of diet Avaliability. Socio-economic and cultural factors, Age, sex and Occupation,
2. Diet in diseases : Liquid and soft, diets, diets for Dyspepsia, Diabetes and obesity. high fibre diets : Constipation
3. Meal Planning for special ocassion : Parties and festivals
4. Meal planning in special Condition Expectant mother, Nurshing mother, infant and weaning food.
5. Patient care : Sick bed, qualities of nurse/attendent, other factors] involved in patient care.

Group-B : Child Development

1. Infant : Physical , Emotional. Social development from o-1 year, Immunization, Common ailments.
2. Feeding : Breast feeding, Artificial feeding and introduction of solid food.
3. Pre-School years : Physical, Social Emotional and Intelectural development

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4. School Age : Physical. Social, Emotional, Intellectual and Personality development between 6-12 years.
5. Adolescence : Problems of adolescence and deliquency

PRACTICAL 25 marks

1. Preparing menu for dyspepsia, diabetes, obesity Constipation and nurshing mother
2. Coooking : Vegetable cutlet, Panacake, Sandwich, Pulson, stuffed Puri, Vegetable Curry, Custard and Sandesh.

PSYCHOLOGY SUB/GEN

Basic Psychological Processes.

Time:-3 Hours. Marks- 75.

Ten questions to be set at least one from each chapter.out of which five questions are to be answers.Question no.1 will be multiple choice type objective which will be compulsory.

1. **Introduction-** Definition and goals of psychology; Approaches; Biological, psychodynamic, behaviourist, cognitive, humanistic and evolutionary; Methods; experimental, observation and case study-
2. **Biological bases of Behaviors-** Human evolution; Genes and behaviour; Hormones and glands ; The Nervous system ; The Neuron, The central Nervous system and the peripheral Nervous system: Methods of studying brain function.
3. **States of Mind-** Nature of consciousness; Changes consciousness: Day dreaming, sleep and dreaming : Extended states of consciousness: Hypnosis, meditation and hallucination.
4. **Sensory-** Perceptual Processes-Visual, auditory and other senses: structure and functions, Attentional processes, selective and sustained attention; Mechanism Resource allocation and automaticiti; Perceptual organisatiom: Determinants of perception; Form space and depth perception .
5. **Learning-** Classical and operant conditioning; Basic Processes; Extinction; Sportaneos recovery, Generalisation and Discrimination; Transfer of training; Re inforcement Schedules; verbal learning; congnitive learning; Motivational and cognitive influences on learning; obervational learning.
6. **Memories and Forgetting** :- Encoding,storage and retrieval processes, sensory, short -term and long-term memories; Constructive memory; Forgetting; Decay, interference, retrieval failure, motivated forgetting and amnesia; State-dependent forgetting .
7. **Motivation and Emotion--** Indications of motivation; Biogenic and sociogenic motives; Intrinsic -- Extrinsic frame work Conflict and frustation; The need hierarchy model, Techniques of assessment of motivation. Emotions; development, expression and control ; Theories of Emotion, canno Band and Activation theory.
8. **Intelligence-** Psychometric theories and cognitive science approach; Genetic and environmental influences; Intelligent tests; Interpretation of test scores;
9. **Personality--** Trait and type approaches; biological and sociocultural; determinants; Techniques of assesment: Psychometric and Projective.
10. **Thinking and Reasoning--** Thinking process; concepts: and prototypes; schemes and scripts: Imagery and cognitive maps; Inductive and deductive reasoning; Problem solving approaches; Solution strategies and mental sets.

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PRACTICAL PAPER

Time 4 Hours Marks Experiment 20 Note–5

1. Verbal learning by method of serial reproduction,and prompting aniticipation methods.
2. Sensory and Motor learning - Mirror drawing or maze learning.
3. Bilateral transfer of training.
4. Hibit interference.
5. Estimation of Seen length.
6. Recall Vs. Recognition.

Books Recommended;

1. Experiments on Psychology -S.M..Mohsin.
2. Experiment on Psychology- Wood worth and Scholsberg.

PSYCHOLOGY HONOURS

1. Basic Psychological Processes ---75 Marks
2. Psychopathology ---- 75 „
   Practical ---- 50 „

There will be two theory Papers consisting 75 Marks each and one practical paper consisting of 50 marks.

Paper 1 Basic Psychological Process

Time 3 Hours 75 Marks

Ten questions to be set at least one from each chapter.out of which five questions are to be answers. Question no.1 will be multiple choice type obejective which will be compulsory.

1. **Introduction-** Definition and goals of psychology; Approaches; Biological, psychodynamic, behaviourist, cognitive, humanistic and evolutionary; Methods; experimental, observation and case study-
2. **Biological bases of Behaviors-** Human evolution; Geneses and behaviour; Hormones and glands ; nervous system ; The Neuron, The central Nervous system and the peripheral Nervous system: Methods of studying brain function.
3. **States of Mind--** Nature of consciousness; Changes consciousness: Day dreaming, sleep and dreaming : Extended states of consciousness: Hypnosis, meditation and hallucination.
4. **Sensory- Perceptual Processes-** Visual, auditory and other senses: structure and functions, attentional process, selective and sustained attention; Mechanism Resource allocation and automaticiti; Perceptual organisatiom: Determinants of perception; Form space and depth perception .
4. **Learning-** Classical and operant conditioning; Basic Processes; Extinction; Sportanous recovery, Generalisation and Discrimation; Transfer of training; Reinforcement Schedules; verbal training; congnitive learning; Motivational and cognitive influences on learning; obervational learning.
6. **Memories and Forgetting** :- Encoding,storage and retrieval processes, sensory, short -term and long-term memories; Constructive memory; Forgetting; Decay, interference, retrieval failure, Motivated forgetting and amnesia; State-dependent forgetting .

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Provide that no candidate shall choose (a) Mathematics and (b) Geography unless he has passed the Intermediate examination in Geography.

3.3 (ii) A candidate shall choose either (a) or (b) for composition. (a) Hindi - One full paper of 100 marks for each of the Part- I and Part - II examinations.

(b) Hindi (50 marks) and one of the following languages (50 marks) for each of the Part-I and Part-II examinations.

Bhojpuri, Magahi, Maithili, Urdu, Bengali, Oriya, Nepali, Santhali, Mundari, Ho, Nagpuri, Khariya, Kurukh, Kurmali and English, or any other language recognised by Academic Council for the purpose.

Provided that a candidate of non-Indian domicile may take a full paper in English (higher standard) in lieu of (a) or (b) above.

Subjects for B.A. (Hons.) Examination and structure of Course.

4. 1 A candidate for the B.A. (Hons.) Examination shall be required to offer and be examined in one Honours subject comprising eight papers two subsidiary subjects comprising four papers one/two languages as composition comprising two papers and one paper on General Studies totalling fifteen Papers, divided into five papers for each part of the course according to the following structure.

STRUCTURE

Examination	Honours Subjects	Subsidiary Subjects	Compo-sition	General Studies	Total
B.A. (Hons) Part - I	2Papers (Paper I & II	2 Papers (Paper I from Two subject	1Paper (Paper 1)	-	5 Papers
B.A.(Hons) Part - II	2 Papers (Paper IIII & IV	2 Papers (Paper II from two subject	1 Paper (PaperII)	-	5 Papers
B.A. (Hons) Part - III	4 papers (Papers V, VI, VII & VIII)			1 paper	5 papers
Total	**8 Papers**	**4 Papers**	**2 Papers**	**1 Paper**	**15 Papers**

4.2 Each of these papers shall carry 100 marks .

Provided that wherever practical examination is prescribed (i) in case of a subsidiary subject, each of the two papers shall include 25 marks for practical examination and (ii) In case of an Honours subject, Papers I and II shall carry 75 marks each and a practical examination of 50 marks. Papers III and IV shall carry 75 marks each and a practical examination of 50 marks and paper VIII shall be a full paper of practical examination carrying 100 marks . Papers V, VI and VII shall be a full theory papers each carrying 100 marks .

4.3 (i) A candidate for the B.A. (Honours) examination shall choose one Honours subject and two subsidiary subjects from the following.

1. Any one of the following language and literature subjects. Sanskrit, Prakrit, Pali, Arabic, Persian, Hindi, Bhojpuri, Maghi, Maithili, Urdu, Bengali, Oriya, Nepali, Santhali, Mundari, Ho, Nagpuri, Khariya, Kurukh, Kurmali and English, 2. Ancient

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7. **Motivation and Emotion**-- Indications of motivation; Bioganic and sociogenic motives; Intrinsic -- Extrinsic framework conflict and frustation; The need hierarchy model, Techniques of assessment of motivation. Emotions; development, expression and control ; Theories of Emotion, canno Band and Activation theory.
8. **Intelligence**- Psychometric theories and cognitive science approach; Spearman Guilford, Piaget, Jenson Genetic and environmental influences; Intelligent tests Interpretation of test scores;
9. **Personality**-- Trait and type approaches; Biological and Sociocultural; determinants; Techniques of assesment: Psychometric and Projective.
10. **Thinking and Reasoning**- Thinking process; concepts: Categoriesand prototypes schemes and scripts; Imagery and cognitive maps; Inductive and deductive reasoning; Problem solving approaches; Solution strategies and mental sets.

PAPER II --PSYCHOPATHOLOGY

Time--3 Hours. Marks--75

Ten Question to be set atleast one from each chapter-out of which five questions are to be answers. Question No. 1 will be multiple choice type objective which will be compulsory.

1. Introduction to Psychopathology-- The concept of normality and abnormality
2. Signs and symptoms of Mental illness--
   Delusions; Hallucinations, obsession compulsions, conversion.
3. Mental conflict, Defense Mechanism; Psycho-sexual genesis, personality development- Freudian and Neo-Freudian view Points.
4. Psychological Assessment of Psychopathology
   Diagnostic tests, Rating scales, History taping interview; orientation to projective tests.
5. Anxisty Disorders-Panic disorder and Agoranhobia, specific Phobias, social Phobia; obsessive compulsive disorder, Generalised anxiety disorder,
6. Somato form Disorders--Dissociative disorders; Meaning, types- Asthma, ulcer and hypertension
7. Mood disorders--Manic episode, Depressive- episode, Bipolar affective disorder Dysthymia.
8. Schizophrenia--Delusional disorder, Brief Psychotic disorder.
9. Disorder due to Psychoactive substance use-Alcohol and drug dependence.
10. Personality Disorder-Paranoid, Schizoid, Dissociative, Impulsive, Border line. Anxious avoidance Dependent personality.

PRACTICAL PAPERS

Time 6 Hours

A. Demonstration and replication of the following psychological phenomena. Marks--50

Note Book 5 Marks Practical 25 marks

1. Laws of Association--Verbal learning by simple and serial method.
2. Learnig curve on sensory motor learning.
3. Transfer of training-positive and negative.

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4. Illusion- Muller Lyer Illusion by method of average error and method of limit.
5. Knowledge of Result- with and without on Lavel of Aspiration.

B. Understanding self and others by use of Test-10 Marks.
   1. Alexander Battery of performance Test of Intelligence.
   2. Bell Adjustment Inventory.

C. Project on observational skill- Project on any one of the following theme displayed on Television-- 10 Marks
   1. Child problem.
   2. Status of women in Indian Society.
   3. Problems related to students.

PHILOSOPHY GENERAL

PAPER I INDIAN PHILOSOPHY 100 Marks.

Basic features of Indian Philosophy.

Charvaka- Epistemology, Ontology & Ethics.
Buddhism- Four Noble Truths.
Jainism- Jiva, Bondage and Liberation.
Nyaya- Nature and kinds of pratyaksha (Perception),Anumana (Inference), Upamana (Comparision), and shabda (Verbal Testimony)
Vaisesika- The Seven Categories.
Sankhya- Satkaryavada, Purusa and Prakriti
Yoga- Eight fold path.
Vedanta- Shankar : Brahman, world, Maya and Soul.
Ramanuja : Refutation of Shankar's mayavada

Books Recommended :

1. Outlines of Indian Philosophy- Hiriyana.
2. An Introduction to Indian Philosophy- Chatterjee & Datta
3 A critical survey of Indian Philosophy- C.D. Sharma.
4. Bharatiya Darshan- B.K. Lal.
5. Bharatiya Darshan Ki Ruprekha- H.P. Sinha
6. Indian Philosophy- C.D. Sharma.
7. Indian Philosophy- Dr. Umesh Mishra.
8. Bharatiya Darshan- Dr. B.N. Singh.
9. Indian Philosophy- Dr. S. Radhakrishnan.
10. Indian Philosophy- Dr. S.N. Das Gupta.

PHILOSOPHY SUBSIDIARY

PAPER I INDIAN PHILOSOPHY 100 Marks.

Charvaka- Epistemology, Ontology, Ethics.
Buddhism- Fort Noble Truths.,
Jainism- Jiva and its bondage and Liberation.
Sankhya - Satkaryavada, Purusa, Prakriti and Theory of evolution.
Yoga- Eight fold path .
Nyaya- Nature and kinds of Pratyaksha (Perception),Anuman,(inference) Upamana (Comparison and Shabda (Verbal Testimony)
Vaisesika- The seven Categories.
Vedanta - Shankar's Brahman, Soal and world .

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Books Recommended

1. Outlines of Indian Philosophy -Hiriyana
2. An Introduction to Indian Philosophy – Chatterjee & Datta.
3. Bhartiya Darshan- Chatterjee and Datta (Hindi Translation by Jha & Mishra.)
4. Bharatiya Darshan- B.K. Lal.
5. Bharatiya Darshjan Ki Ruprekha- H.P. Sinha.
6. Indian Philosophy - C.D Sharma.
7. Indian Philosophy -Dr. Umesh Mishra
8. Bhartiya Darshan Dr. BN Singh.
9. Bharatiya Darshan- Dr.Baldeo Upadhyaya
10. A critical survey of Indian Philosophy- C.D. Sharma.

PHILOSOPHY HONOURS

PAPER I INDIAN PHILOSOPHY

100 Marks.

Basic features of Indian Philosophy.

Charvaka- Epistemology Ontology and Ethics.

Buddhism- Four Noble Truths. Anatmavada school of Buddhism.

Jainism - Syadvada, Dravya, Jiva and Bondage and Liberation.

Nyaya-- Sources of konwledge Proofs for the existence of God.

Vaisesika-- The Seven Categories.

Sankhya - Satkaryavada, Evolution , Purusa and Prakriti Bondage and Liberation;

Yoga- Meaning of Yoga Eight fold path.

Mimansa- Apurva. Svatah Pramanya Vada

Vedanta- Shankar: Brahman, World, Maya and Soul

Ramanuja: Brahman, Soul, Refutation of Shankar's Mayavada.

Books Recommended.

1. Outline of Indian Philosohy- Hiriyana.
2. An Introductioon to Indian Philosophy -Chatterjee & Datta.
3. A critical survey of Indian Philosophy- C.D. Sharma.
4. Indian Philosophy- Dr. S.Radhakrishnan.
5. Indian Philolosphy- Dr. S.N. Das Gupta
6. Indian Philosophy - Dr. Umesh Mishra.
7. Indian Philosophy - J. N. Sinha
8. Bharatiya Darshan- Chatterjee & Datta Hindi Translation by Jha & Mishra).
9. Bharatiya Darshan- B.K. Lal.
10. Bharatiya - Darshan Ki Ruprekha - H.P.Sinha.
11. Bhratiya Darshan- Dr. B,N, Singh.
12. Bharatiya Darshan- Baldeo Upadhyaya.
13. Bharatiya Darshan- एम. हिरीयन्ना
14. Indian Phillosophy - C.D. Sharma.

PAPER II METAPHYSICS

Nature of Philosophy, its relation to Science & Religion.

Ontological theories- Materialism, Idealism, Neutralism Monism, Dualism, Pluralism.

Epistemological theories- Rationalism, Empiricism, Criticism, Realism and Idealism.

Creationism & Evolutionism- Darwin's theory of Evolution.

Theories about God- Deisms, Theism, Pantheism and Panentheism.

Theories of Truth - Correspondence, Coherence and Pragmatic Theory .

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Causality - Aristotle, Mill and Hume.

Books Recommended.

1. Problems of Philosophy - Cunningham.
2. Principles of Philosophy -H.M. Bhattacharya.
3. Paschatya Darshan ke Sampradaya- Sobha Nigam.
4. Darshan Shastra Ki Ruprekha - Rajendra Prasad.
5. Saral Samanya Darshan - A. K.Verma.
6. Tattva Mimansa Evam Jnana Mimansa - K.N.Tiwari.
7. Jnana Mimansa- Daya Krishna .
8. Introduction to Philosophy -Patrick.
9. Introduction to PhilosophyPaulson.
10. An Introduction to Philosophical Analysis (Also Hindi Translation) -John Hospers.

INDUSTRIAL RELATIONS & PERSONNEL MANAGEMENT

GENERAL/SUBSIDIARY COURSE

There shall be three paper carrying 100 marks each for B.A. General/Subsidiary Course for Part. I. II and III

PAPER- I LABOUR ECONOMICS AND LABOUR WELFARE

1. Labour Economics- Meaning nature and scope methods of study.
2. Economic Institutions of Capitalism and Socialism their salient features.
3. Labour Problems- Concept Causes - Impact and Remedies.
4. Labour market- Nature and characteristics- Pecularities.
5. Theories of Wages- i. e. Subsistence Theory. Marginal productivity Theory Demand and Supply theory, Collective bargaining theory.
6. Wage differentials - Concept- Types - Causes Justification and remedies
7. Productivity – Concept Determinants of labour productivity, Measures to increase labour productivity in India.
8. Efficiency of Labour - Determinants - Causes of Low efficiency of Indian Labourers- Solution.
9. Labour Welfare- Meaning and Scope, Various approaches agencies for labour welfare.
10. Labour welfare measures under Indian Labour Laws- (i) The Factories Act, 1948, (ii) Labour Welfare measures under mines Act, 1952 and (iii) Plantation Labour Act, 1951.
11. Unemployment Concept -Types. Causes, Effects Remedies.

Books Recommended

1. R.A. Lester- Labour Economic
2. R.R. Singh Maheshwari and Shinghal – Labour Economics
3. Maurise Dobb-Wages
4. T.N. Bhaguliwal- Economics of Labour and Social Welfare
5. K.N. Subramanian - Wages in India
6. P.R.N. Sinha- Wages Determination
7. Fonseca- Wage Detemination and Origanised Labour in India.
8. K.N. Vaid- Labour Welfare in India.
9. M.V. Moorthy- Labour Welfare in India
10. G.P. Sinha & P.R.N. Sinha Industrial Relations and Labour Legislation.

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11. S.N. Mehrotra- Labour
12. J.N. Mangala (e.d.) Reading in Labour & Social Welfare
13. Government of India- Report of the National Commission on Labour.
14. Dob-Majduri (Hindi)
15. P.R.N. Sinha & Induwala Sinha "Shram Avam Samaj Kalyan" (Hindi)
16. P.R.N. Sinha & Induwala Sinha " Shram Shastra (Hindi)
17. G.P. Sinha P.R.N. Sinha & K.K. Singh -:Shram Arthashastra ("Hindi)"

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I. R. P. M. HONOURS COURSE

PAPER - I LABOUR ECONOMICS.

1. Labour Economics :- Nature and scope-Methods of study of Labour Economics and Labour Problems.
2. Labour market - Nature and Characteristics- Demand and supply of labour in Labour market.
3. Theories of Wages i.e. Subsistance Theory. Marginal Productivity theory, Modern Theory, Collective Bargaining theory-their assumptions and limitations
4. Concept of Minimum Wages. Need based wage Fair Wage. Living wage and National Minimum wage. Government Regulation of Wage, Wage Board in India.
5. Wage differentials - Concept, Types, causes, justifications.
6. Unemployment- Nature, types and causes- Unemployment situation in India- Governmental measures to fight the problem of unemployment.
7. Labour Productivity – Concept, determinants, Measures to improve Labour productivity specially in Indian condition.
8. Economic Institutions- Capitalism, Social & Mixed Economy.

Books Recommended :

1. R.A. Laster- Labour Economics
2. R.R. Singh. Maheshwari and Singhal-Labour Economics
3. Maurice Dobb-Wages.
4. T.N. Bhaguliwal- Economics of Labour and Social Welfare.
5. K.N. Subramaniam- Wages in India.
6. P.R.N. Sinha- Wage Determination
7. Fonseca- Wage Determination and Organised Labour in India
8. Srivastava & Shram Arthashastra (Hindi)
9. T.N. Bhaguliwal - Shram Arthashastra Avam Samajik Suraksha (Hindi)
10. Chaturvedi and Chaturvedi Shram Arthashastra (Hindi)
11. P.R.N. Sinha & Indu Bala-Shram Arthashastra (Hindi)

PAPER - II SOCIAL SECURITY AND SOCIAL WELFARE

1. Social Security - Meaning and characteristics, Methods for providing Social Security both traditional and Modern-growth
2. Social Security Laws in India-The Workmen's Compensation Act 1923, The Employees State Insurance Act, 1948 the Employees provident fund Act & Misc Provisions Act, 1952 The Maternity benefit act 1961
3. Social Security Measures of Government of Bihar :- Old age Benefits, Unemployment Benefits, Bonded Labour
4. Social Welfare-Concept, Provisions of Social Welfare

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5. Social Welfare Measures for Scheduled Castes, Scheduled Tribes, Backward Classes.
6. Child Welfare-Problems faced by Children-Child Welfare Measures in India. The Government Agencies promoting Child Welfare.
7. Women Welfare-Concept of Women welfare, Problems of Women, Government measures for the welfare of women, Role of Social Welfare Agencies Promoting Women Welfare.

Books Recommended :

1. P.R.N. Sinha and Mrs. Indu Bala – Shrama Avam Samaj Kalyan (Hindi)
2. G.R. Madan-Indian Social Problems.
3. Goverment of India- Social Welfare in India.
4. C.B. Mamoria - Social Problems and Social Disorganisation
5. Government of India - Plans and perspective of Social Welfare in India.
6. Government of India-Encyclopaedia of Social Work in India Vol I, II & III (Relevant topics)
7. C.B. Mamoria - Social Security in India
8. Hasan-Social Security in India.
9. T.B. Bhaguliwal Shram Arthashastra Evam Samajik Suraksha.
10. S.C. Saxena - Social Welfare and Social Security (Hindi)

ANCIENT INDIAN HISTORY & CULTURE

B.A. (GENERAL / SUBSIDIARY)

PAPER- I EARLY HISTORY OF INDIA (From Pre-History to A.D. 650)

Topics -

Pre-historic Cultures in India - General Features.

The Indus Valley Civilization - Origin, Extent , Town Planning & Decline.

Chaleolithic Cultures in India - General Features

The Vedic Age - Political Condition. Political condition of India during the 6th century B.C. Persian and Macedonian Invansion- Causes, Nature & Effects.

Rise of Magadha.

Mauryan dynasty-Chandra Gupta Maurya. Ashoka- Mauryan Administration. Decline.Political History from 200 B C. to A.D. 200 Sunga,Indo-Greeks, Saka, Kushanas, Satavahanas. Kharavela.

The Sangama Age. Social, Political & Economic conditions.

The Gupta Dynasty-Samudra Gupta, Chandra Gupta-II Gupta Administration, Decline Harshavardhana- Achievements.

Books Recommended

Political History of Ancient India (also in Hindi) - H.C. Roy Chaudhari
Sindhu Sabhyata - K.K. Thapalyal
Prachin Bharat - K.K. Shrimali
Prachin Bharatiya Sabhyata & Sanskriti - R.K. Chaudhary
Ancient India - R.S. Tripathy
प्राचीन भारत - D.N. Jha & K.M. Shrimali
प्राचीन भारतीय सभ्यता और संस्कृति - R.K. Choudhary
मगध का उदय - S.R. Goyal

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मौर्य शुक काल का इतिहास - S.R. Goyal
गुप्त साम्राज्य का इतिहास - S.R. Goyal

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ANCIENT INDIAN HISTORY & CULTURE HONOURS

PAPER-I

Early History of India (From Pre-history to AD 650)

Topics –

Sources
History of Archaeology in India from the 19th century till the present.
Pre-Historic cultures in India - General Features
Chaleolithic Cultures in India - General Features
The Origin of the Aryans.
The Vedic Age- Political Condition
Political condition of India during the 6th Century BC Persian and Macedonian Invasion Causes, Nature & effect.
Mauryan Dynasty Origin & Caste. Chandagupta Maurya, Asoka Dhamma Respensibility in the Decline of the Mauryas.
Political History from BC 200 to AD 200 – Sunga, Indo-Greeks, Saka, Kushanas, Satvahana Kharavela The Sangama Age - Social, Political & Economic Condition
The Gupta Dynasty- Origin, Samudra Gupta, Chandragupta II, Skandagupta Decline Harshavardhana-Achievements
The Vakatakas

Suggested Resadings :

Political History of Ancient India - H.C. Roychaudhary
History of South India (also in Hindi) - N.K. Shastri
Political History of Ancient India - H.C. Raychaudhari (also in Hindi)
Prachin Bharat - K.K. Shrimali
Prachin Bharatiya Sabhyata & Sanskriti - R.K. Chaudhary
प्राचीन भारत - D.N. Jha & K.M. Shrimali
प्राचीन भारतीय सभ्यता और संस्कृति - R.K. Choudhary
मगध का उदय - S.R. Goyal
मौर्य शुंग काल का इतिहास - S.R. Goyal
गुप्त साम्राज्य का इतिहास - S.R. Goyal

PAPER-II

Social & Economic History of Ancient India (upto A.D.1200)

Topics : Sources Varna, Ashram & Purushartha, Origin of Caste, Family Position of Woman, Marriage - Significance & Forms, Aim & Ideals of Education in Ancient India. Educational Centres, Taxila Nalanda & Vikramshila, Untouchability. Agriculture. Trade & Commerce- Indo-Roman Trade. Trade Routes - Internal & external. Industry. Guilds. Ownership of Land in Ancient India. Principles of Taxation. Sources of Income & Items of Expenditue in Ancient India. Main features of Mauryan. Satvahan & Gupta. Economy. Rise and growth of Feudalism. Temple Economy in South India.

RURAL ECONOMICS AND CO-OPERATION HONOURS

PAPER- I Principle of Economics.

Marks- 100.

Module- I Definition Nature and scope of Economics- laws of Economics, There Relationship with other social Scienses. Micro and macro economics.

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Module- 2. Law of demand -elasticity of demand and its measurement.

Module-3 Utility analysis-measurement of utility-indifference curve analysis consumer's equilibrium-concept of Consumer's surplus.

Module-4. Production function-laws of returns.

Module-5. Laws of Variable Price Proportions. concept of cost and revenue-Theory of price determination under perfect competition and monopoly.

Module-6. National Income-definition. components-measurements-relationship between national income and economic welfare.

Module-7. Theories of distribution-marginal productivity theory of distribution determination

A. Rent-concept of quasi rents, Recardian theory and modern theory of rent.

B. Wages-collective,bargaining and wage determination-modern theory of wages

C. Interest-classical theory of Interest-Modern theory of Interest.

D. Profit-origin and appropriation of profit- Dynamic and Innovation theory of profit

Module8. Economic systems-Capitalism, Socialism Coperative Economy- Mixed Economy.

Module9. Money- definition-functions importance.

Module10. Public finance-Principles of taxation-Public expenditure-public borrowings.

Books Recommended:-

1. Marshall – Principles of Economics.
2. Samuelson P.A. Economics.
3. Dewett and Singh-Modern Economic Theory
4. Benham-Economics.
5. एल. एम . राय. - अर्थशास्त्र के सिद्धान्त
6. के. पी. जैन- अर्थशास्त्र के सिद्धान्त
7. देवेन्द्र प्रसाद पंत- अर्थशास्त्र के सिद्धान्त
8. जे. सी पंत - अर्थशास्त्र के सिद्धान्त
9. आनन्दस्वरूप गर्ग - मुद्रा बैकिंग अन्तर्राष्ट्रीय व्यापार तथा राजस्व :
10 आर. एन. त्रिपाठी - मुद्रा का परिचय
11. डा. हरिश्चन्द्र शर्मा - राजस्व एवं रोजगार सिद्धान्त 12. टी.एन. हजेला - राजकीय अर्थशास्त्र
13. डा. शर्मा एवं सिंघई - मौद्रिक अर्थशास्त्र

PAPER - II Rural Development-principles and Practice. Marks-100

Module-1 Rural Development: Concept, issues and policies.

Module-2 Determinants of Rural development- Programmes and Policies - Strategies- Indian experiences.

Module-3 Features of Indian Rural economy – problems and prospects

Module-4 Agriculture and Rural development – Need, Importance and Programmes

Module- 5 Rural development Planning, Management and practices.

Module-6 Rural Indebtedness- Nature, Effect , Causes, and Remedies.

Module-7 Rural poverty -Nature , Effect , Causes, and Remedies.

Module- 8 Panchayati Raj- Concept - development and issues.

Module-9 Revised 20 Point Economic programme and Rural Development.

Module-10 Rural development Programmes, IRDP, Trysem, Indira Awas Yojana, Jawahar Rojgar. Swarna jayanti Swa Rojgar Yajna and NAREGA

Module-11 Impact of Economic Liberalization on Indian Rural Economy.

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Books Recommended:-

1. Ghosh, Alak- Indian Economy .
2. Dutta, B.- Economics of Industrialization.
3. M & Baldwin- Economic Development.
4. Govt. of India Kurukshetra: A Symposium on Community Development in India .
5. U.N.O. Report on Rural deveiopment
6. Agrawal, A .N.- Economic Development in India .
7. Mamoria, C.B. Economics Development and Planning in India.
8. गाँधी एम. के. - हिन्द स्वराज 9. गाँधी एम. के.- मेरे सपनों का भारत
10. Rao.C.H.H-Technological change and distribution of gains in Indian Agriculture
11. Choudhari .B.Tribal Development in India: problems and prospects.

RURAL ECONOMICS AND CO-OPERATION

GENERAL/SUBSIDIARY

PAPER- I FOUNDATION OF ECONOMICS.

Module-1 Definition - nature and scope of Economics - laws of economics, theire relationship with other social sciences.

Module-2 Law of demand-elasticity of demand and its measurement.

Module-3. Utility analysis-measurement of utility-indifference curve analysis-consumer's equilibrium -concept of consumers surplus.

Module-4. Production function-laws of returns.

Module-5. Theory of Price Theory of supply and demand concepts of cost and revenue -price determination under perfect competition and monopoly.

Module-6. National Income-definition-components measurements.

Module-7. Theories of distribution-marginal productivity theory of distribution-determination of rent-wage-interest and profit.

Module-8. Economic systems-Capitalism. Socialism Co-operative Ecomomy-mixed Economy.

Module-9. Money-definition functions-importance.

Module-10. Public finance-Principles of taxation-Public expenditure-public borrowings.

Books Recommended:-

1. Marshall-Principles of Economics, 2. Samuelson P.A-Economics.
3. Dewett and Singh-Modern Economics Theory.4. Benham-Economics.
5. एल. एम . राय. - अर्थशास्त्र के सिद्धान्त 6. के. पी. जैन- अर्थशास्त्र के सिद्धान्त
7. देवेन्द्र प्रसाद सिंह- अर्थशास्त्र के सिद्धान्त 8. जे. सी पंत - अर्थशास्त्र के सिद्धान्त
9. आनन्दस्वरूप गर्ग - मुद्रा बैकिंग अन्तर्राष्ट्रीय व्यापार तथा राजस्व
10 आर. एन. त्रिपाठी - मुद्रा का परिचय
11. डा. शर्मा एवं सिंघई - मौद्रिक अर्थशास्त्र
12. डा. हरिश्चन्द्र शर्मा - राजस्व एवं रोजगार सिद्धान्त 13. टी.एन. हजेला - राजकीय अर्थशास्त्र
14. डा. शिव कुमार सिंह - मूल्य का सिद्धान्त

MUSIC

MUSIC HONOURS VOCAL/INSTRUMENAL

PAPER-I Theory- (Vocal & Instrumental)

1. Definition and charactaristics of the following Technical terms- Nad, Shruti, Swarasthan, Sabtak, Asthak Puvang. Uttarang. Varma. Alankar Vadi. Sanvadi, Anuvadi. Vivadi and definition of Raga, Thata. Meend (Sut) Ghosit, Krintan, Jam-Jama, Khatka Murki.

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2. General knowledge of the following musical compositions ;
Dhrupad Dhamar. Kheyal, Tarana, Tappa. Thumari, Hori, Chaturang, Geet, Bhajan. Gazal, Masetkhani and Razakhani Gat.
3. General knowledge of the biographics and contritutions of the following musician Amirkhusru, Swami Haridas, Tansen, Nayak, Baiju, Jaidev, Tyagraj
4. Study at the following Granthas ; (i) Sangit Parjyat, (ii) Raga Tarangini

PAPER II -THEORY- (VOCAL/INSTRUMENTAL) Full Marks - 75

1. Detail study of the following Ragas :
Yaman Alahiya Bilawad, Khamaj, Bhairav, Asavari, Bhupali and Kafi.
2. The writing of Notations of Vilambit kheyal/Maseetkhani Gat with Alap-Tan/ Toda in the following Ragas ; Yaman. Alahiya, Bilawal, Bhairav, Asawari,
3. The writting of Notation of Drut kheyal/Raza khani Gat with Alap-Tan, Swara Vistar /Toda & Jhala in the following Ragas : Yaman, Alahiya, Bilawal, Bhairav, Asawari Khamaj Bhairavi, Kafi.
4. The writing of Notation of Dhrupad with : Alap, Dugun and Chougun layakari/ One Gat of ten or Twelve Matras with Alap in the following Ragas ;
(i) Alehiya Bilawal, (ii) Yaman.
5. The writing of Notation of Dhamar with Alap. Dugun and Chougun Layakari One Gat of fourteen matras with Alap- in the following Ragas ;
(i) Asawari, (ii) Kafi,
6. The writing of Notation of Tarana, Folk Song Patriotic song & Bhajan/Dhoon folk Dhoon.
7. The knowledge of writing of Talas :
(i) Teental, (ii) Ektal, (iii) Choutal, (iv) Jhaptal; (v) Dadra, (vi) Kaharwa, in Dugun and Chougun Layakaries

PRACTICAL PAPER

(VOCAL/INSTRUMENTAL) Full Marks-50

Every students will have to demonstrate for 45 Minutes.

1. The Demonstration of any one style of Vocal / Instrumental in Raga of Kheyal Ang: Vilambit Kheyal/Maseet khani Gat will Alap- Tan/Toda in the following Ragas :
(i) Yuman, (ii) Alehiya Bilawal, (iii) Bhairav. (iv) Asawari.
2. Demonstration of Drut Kheyal/Raza khani Gat with Alap, Tan/Toras & Jhala in the following Ragas :
(i) Yaman (ii) Alahiya Bilawal, (iii) Khamaj, (iv) Bhairav, (v) Asawari, (vi) Kafi, (vii) Bhupali,
3. Demonstration of Lakshan Geet and Sargams in the Ragas mentioned in serial No.-2
4. Demonstration of dhrupad with Dugun and Chaugun layakaries/Gats in ten or Twelve matras in the following Ragas ; (i) Alahiya Bilawal, (ii) Yaman
5. Demonstration of Dhamar with Dugun and Chaugun Layakaries/ Gats in fourteen matras in the following Ragas : (i) Kafi, (ii) Asawari,
6. Demonstration of Tarana in any Ragas mentioned in Serial No.-2
7. Demonstration of one patriotic song, Folk Song and Bhajan/hun/folk Dhun.
8. Demonstration of the following Talas with Thal, Dugun and Chaugun :
(i) Tritala (ii) Ektal. (iii) Chautal (iv) Jhaptal (v) Dadra (vi) Kaharwa

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Indian History & Culture / Archaeology or Ancient Indian and Asian Studies, 3. History. 4. Political Science, 5. Economics, 6. Philosophy, 7. Psychology, 8. Sociology, 9, Rural Economics, 10. Labour and Social Welfare, 11. Public Administration, 12. Buddhist Studies, 13. Music, 14. Gandhian Thought, 15. Home Science (For women only). 16. Geography, 17. Mathematics, 18. Statistics and Anthropology.

Provided that if a candidate choose one of the language and literature subjects he may be allowed to choose not more than one other language and literature subjects as the Honours subjects as a subsidiary subject.

Provided further that a candidate shall not choose (a) Mathematics or Statistics unless he has passed the Intermediate examination in Mathematics and (b) Geography. unless he has passed the Intermediate examination in Geography and if he takes up Honours in Statistics he shall choose Mathematics as one of the subsidiary subjects.

4.3 (ii) A candidate shall choose either (a) or (b) for composition. (a) Hindi (50 marks) and one of the following languages (50 marks) for each of the Part - I and Part - II examinations.

Bhojpuri, Maghi, Maithili, Urdu, Bengali, Oriya, Nepali, Santhali, Mundari, Ho, Nagpuri, Khariya, Kurukh, Kurmali and English. or any other language recognised by Academic Council for the purpose.

Provided that a candidate of non-Indian domicile may take a full paper in English (Higher standard) in lieu of (a) or (b) above.

Identical Syllabi

5.1 The Syllabi of Mathematics, Geography, Statistics and Anthropology as Honours/ Subsidiary/ Optional Subjects shall be Identical with those for the B.Sc. Examination.

5.2 The Syllabi of Composition and General Studies shall be identical for the Honours and General course as also with those for the B.Sc. and B.Com. Examinations.

Minimum requirement of instructions.

6. Notwithstanding anything contained in the Regulations concerning minimum requirement of teaching periods to be arranged a particular subject.

(i) Now fewer than five lectures in a week shall be delivered in each paper (other than a full practical paper) except in Composition and General Studies in which no fewer than two lectures shall be delivered. Provided that if the Composition is in two languages at least one lecture shall be delivered in each language.

(ii) At least one period of tutorial instructions shall be arranged in a week in every subject in which no practical examination is prescribed except in Composition and General Studies.

Provided that the number of tutorials in an Honours subjects shall not be less than two.

(iii) In any subject in which practical examination is prescribed there shall be in lieu of tutorial instruction at least two practical classes, each of two periods duration in a week.

Provided that the practical classes in an Honours subject shall each be of three period's duration.

Examination

7.1 There shall be University examination at the end of the first. the second and the third years of study to be known respectively as the B.A. (General/ Honours)

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9. Answer the questions asked by the examiner
10. Tune your own Instrument,

Note :- Compositions of the prescribed seven ragas may preferably taught in the Talas mentioned above.

MUSIC Subsidiary/General Course

There will be one theory paper of 75 marks and one practical paper of 25 marks.

1. Candidates are required to pass in theory and practical Separately.
2. (i) Pass marks in theory 33% (ii) Pass marks in practical 40%
3. Candidates are required to offer the course either in
   (i) Vocal Music or, (ii) InstrumentalMusic

VOCAL MUSIC (Subsidiary/General)

PAPER-I (THEORY)

Full Marks-75

(a) Knowledge of the following Technical Terms :
(i) Gan, (ii) Geet, (iii) Gandharva, (iv) Margi, (v) Deshi, (vi) Sthayee, (vii) Antara (viii) Shruti, (ix) Dhatu, (x) Swara, (xi) Purvang vadi Raga, (xii) Uttarang Vadi Raga, (xiii) Vakra Swara.

(b) Niboddha Gan and Anibaddha Gan of the present system.

(c) Comparison of Hindustani swaras and Talas with karanatic swaras and Talas.

(d) Knowledge of the following Granthas :
(i) Sangeetanjali, (ii) Chaturdandi prakashika.

(e) Life and works of the following musicians :
(i) Pt.Omkarnath Thakur, (ii) Faiyaz khan.

(f) Knowledge of the following Ragas : (i) Hameer, (ii) Shankara, (iii) Bhimpalasi, (iv) Malkoush

(g) Knowledge of the following Talas : (i) Trital, (ii) Dadra, (iii) Kaharwa, (iv) Chautal, (v) Dhamar, (vi) Jhaptal, (vii) Ektal.

(h) compulsory questions in writing the Notation of the following :
(i) Dhruvpad - Raga Malkaush.
(ii) Dhamar - Raga Shankara
(iii) Vilambit and Drut Khayal : (i) Raga Hameer. (ii) Raga Bhimpalasi.

PRACTICAL

Full Marks-25

Every student will have to demonstrate for 45 minutes :

(a) Dhruvpad with simple Dwigan and Chaugun -(i) Raga Malkaush
(b) Dhamar with simple Dwigan and chaugun- (i) Raga Shankara.
(c) Vilambit and Drut Khayal of the following :
(i) Raga Hameer (ii) Raga Bhimpalasi.
(d) Writing the answer of the questions on swaras, Talas Ragas in Answer Book asked by the examiner.
(e) One Bhajan- In any Raga
(f) Tuning of Juristring.

INSTRUMENTAL MUSIC (SUBSIDIARY/GENERAL)

PAPER-I

Full Marks - 75

(a) Knowledge of the following technical Terms ;
(i) Gan, (ii) Geet, (iii) Gandharva, (iv) Margi. (v) Deshi, (vi) Sthayee, (vii) Antara (viii) Shruti, (ix) Meend (x) Swara (xi) Gamak, (xii) Zamzama (xiii) Kan,

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(xiv) Purvangvadi Raga, (xv) Uttrangvadi Raga, (xvi) Vakra swara.

(b) Nibadh and Anibodh Gan of the present system.

(c) Comparison of Hindustani swaras and Talas with Karnatic swars and Talas.

(d) Knowledge of the following Granthas :
(i) Sangeetanjali, (ii) Chaturdandi Prakasoeka,

(e) Life and works of the following :
(i) Pt Omkar Nath Thakur (ii) Faiyaz Khan.

(f) Knowledge of the following Ragaa: (i) Raga Hameer (ii) Raga Shankara
(iii) Raga Bhimpalasi. (iv) Malkaush.

(g) Knowledge of the following Talas :
(i)Trital, (ii) Dadra, (ii) Kaharwa, (iv) Chautal, (v) Dhamar,(vi) Jhaptal, (vii) Ektal.

(h) Compulsory question in writing the Notation of the following :
(i) Maseet Khani Gat — (i) Raga Bhimpalasi (ii) Raga Malkaush
(ii) Raza Khani Gat — (i) Raga Bhimpalasi (ii) Raga Malkaush
(iii) Raga Shankara (iv) Hameer.

PRACTICAL

Full Marks -25

Every student will have to demonstrate for 45 minutes
(a) Maseet Khani Gat — (i) Raga Bhimpalasi (ii) Raga Malkaush
(b) Raza Khani Gat — (i) Raga Bhimpalasi (ii) Raga Malkaush
(iii) Raga Shankara (iv) Hameer.

(c) Dhoon in any Raga

(d) Writing the answer of the questions on swaras, Talas, Ragas in answer Book asked by the examiner.

(e) Tunning of Juri string.

GEOGRAPHY

General Course :

Students who have not offered Honours in any subject shall have to appear in three papers of 100 marks each with examination in one paper each year. The distribution of papers and marks shall be as follows :-

B.A. Ist Part : (A) Theory Paper I — (A) : 75 marks
(B) Practical Paper I — (B) : 25 marks

Subsidiary Course :

Students who have offered Honours in any subject other than Geography shall have to appear in two papers of 100 marks each with examination in one paper each in the first two years of the three year course.

The distribution of papers and marks shall be as follow :-

B.A. Ist Part :
(A) Theory Paper I — (A) : 75 marks
(B) Practical Paper I — (B) : 25 marks

GEOGRAPHY (General)

PHYSICAL GEOGRAPHY
(Elements of Geomorphology)

PAPER-I

Full Marks - 75

Objective :-

The objective of this course is to introduce the latest concepts in physical geography, essentially geomorphology to the students of geography in a brief but adequate manner.

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Course Contents : Geomorphology

Unit-I: Earth's interior. Wagner's theory Continental Driff: Plate Tectonics, Earth movements orogenic and epirogenic. Isostasy earthquakes and volcanoes

Unit-II: Geomorphic agents and processes : erosion transportation and deposition mass wasting Evolution of landscape Concept of cycle erosion, Interruptions of cycle of erosion Fluvial, Arid, Glacial, Karst and Coastal landscapes

Climatology

Unit-III Weather and climate; definition and significance of climatology, elements of weather and climate their causes : Composition and structure of the atmosphere. Air masses and fronts; concept, classification and properties Atmospheric disturbances; tropical and temperate cyclones; thunderstorms and tornadoes

Unit-IV Climatic Classification; basis of Koppen's classification and types distribution. Characteristics and related plant and animal life.

Oceanography

Unit-V Relevance of oceanography in earth and atmospheric Sciences - Definition of oceanography. Surface configuration of the ocean floor. continental shelf, continental slope, abyssal plain, mid oceanic and oceanic trenches. Relief of Atlantic. Pacific and Indian Oceans. Distribution of temperature and salinity of oceans and seas. Marine deposits and coral reefs

Suggested Readings

1. Doyal P.A. Text book Geomorphology Shukla book depot, Patna, 1996
2. Dury: G.H. The Face of the Earth Penguins 1980
3. Ernst ; W.G.- Earth systems Process and issues Combridge University Press2000
4. IQSSR A Surve of Research in physical Geography Concept New Delhi1988
5. Kale V and Grpta, - Element of Geomorphology Oxford University Press Calcutta 2001
6. Barry, R.G. & Chorley,R.J. Atmosphere Weather and limate Routledge.1998
7. Critchfield, H- General Climatology prentice Hall NewYourk -1978
8. Das, P.K.-The Monsoons, National Book Trust New Delhi, 1968
9. King, C.A.M. Oceanography for Geographers E.Arnold London, 1975
10. Patterson, S-Introduction of Meteorology. McGraw-Hill Book Co, London 196
11. Stringer, E.T.-Foundation Climatology, Surjeet publications , (Delhi 1982)
12. Trewartha, G.T.-An Introduction to Climate International Students edition McGraw Hill New York, 1980
13. Steers, J. A. -The Unstable Earth. Some recent views in geography. Kalyani Publishers, New Delhi, 1984
14. Summerfield M.A.-Global Geomorphology Longman 1991

PRACTICAL COURSE

PAPER-I (B)

The course has been divided into three units . There shall be three questions on from each unit and examinees shall be required to answer all questions

The examination shall be of two hours duration and shall carry 25 marks.

Unit-I: Enlargement and reduction of maps. Cartograms : (Compound bar. Proportionate pre, band graph — 10 marks

Unit-II: Interpretation of Topographical Sheat and weather maps. — 10 marks

Unit-III: Record of Practical Class work and Viva voce. — 5 marks

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Books Recommended

Monklouse : Maps and Diagrams
Singh and Dutta : Elements of Practical Geography
Singh and Kanaujia : Practical Geography
Jagdish Singh : Prayogik Bhugol
J.P. Sharma : Prayogik Bhugol

HONOURS COURSE

Students who offer Honours in Geography shall have to appear in Seven Theory papers and Three Practical papers carrying a total of 800 marks.

The distribution of papers and marks shall be as follows :

B.A. Ist Part :
Theory paper I : 75 marks
Theory paper II : 75 marks
Practical Paper(Ib & IIb) : 25 marks

PAPER-I

Full Marks-75

PHYSICAL GEOGRAPHY - I

(Elements of Geomorphology)

Objective :-

The objective of this course is to introduce the latest concepts in physical geography, essentially geomorphology to the students of geography in a brief but adequate manner.

Course Contents : Geomorphology

Unit-I: Earth's interior. Wagner's theory Continental Drift: Plate Tectonics, Earth movements orogenic and epirogenic. Isostasy earthquakes and volcances.

Unit-II: Geomorphic agents and processes : erosion transportation and deposition mass wasting Evolution of landscape Concept of cycle erosion, Interruptions of cycle of erosion Fluvial, Arid, Glacial, Karst and Coastal landscapes

Climatology

Unit-III Weather and climate; definition and significance of climatology, elements of weather and climate their causes . Composition and structure of the atmosphere. Air masses and fronts; concept, classification and properties. Atmospheric disturbances; tropical and temperate cyclones; thunderstorms and tornadoes

Unit-IV Climatic Classification; basis of Koppen's classification and types distribution. Characteristics and related plant and animal life.

Oceanography

Unit-V Relevance of oceanography in earth and atmospheric Sciences - Definition of oceanography. Surface configuration of the ocean floor. continental shelf, continental slope, abyssal plain, mid oceanic and oceanic trenches. Relief of Atlantic. Pacific and Indian Oceans. Distribution of temperature and salinity of oceans and seas. Marine deposits and coral reefs

Suggested Readings

1. Dayal, P;A Text book of Gemorphology. shukla Book Depot, Patna. 1995
2. Dury, G.H. : The Face of the Eath Penguins, 1980
3. Ernst, W.G. : Earth systems Process and Issues Cambridge University Press , 2000

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ECONOMIC GEOGRAPHY

Full Marks-75

PAPER-II

Objectives :

The basic economy of the world is undergoing rapid transformation in rece times. The process of such transformation of economic activities from Primary secondary and tertiary stage is dynamic in nature in View of this, the objectives of th course are to integrate the various factors of economic development and to acqua the students about this dynamic aspect of economic Geography.

Course Contents:

Unit-I Definition, nature scope and recent trends of economic geography, its relatio with economics and allied subjects, Classification of economics local and spatial organization ; sectors of economy primary secondary and tertiary: the impact of economic activities on environment.

Unit-II Natural resources, Classification : Renewable and non-renewable biotic and abiotic, Conservation of resources, Changing nature of economic activities ; mining forestry , agriculture, industry trade and transport.

Unit-III Agriculture physical, social cultural environment influencing crop productio : Spatial distribution of major food and cash crops of the world; Agricultura types and classification

Unit-IV Minerals and industries classification of minerals ferrous and non-ferrous and their world distribution energy minerals and resources Industries ; factor of localization, Major industries-iron and steel, textile chemicals cement, paper, ship buildings and small scale and cottage industries.

Unit-V Trade and Transport : geographical factors in their development, Major water, land and air transport, Internal and international trade World Trade Organization (WTO) and globalization and their effect on developing countries of the world

Suggested Readings

1. Boesoh, H:A geography of world Economy. D.Van Nostrand Co. New York. 196
2. Chapman. J.D. : Geography and Energy, Longman London 1989
3. Gregor. H.F. : Geography of Agriculture Prentice Hall, New Jersey, USA. 1970
4. Griggs, D.B. : The Agricultural Systems of the world Cambridge University Press. New York, 1974
5. Hartshorne .T.N. and Alexander, J.W. : Economic Geography Prentice Hall , Ne Delhi, 1988
6. Jones C.F. and Darkenwald, G.G. : Economic Geography. Mc Millan Co. New York, 1975
7. Millar E. : Geography Manufacturing Prentice Hall, New York, 1962
8. Raza, M and Agrawal Y. : Transport Geography of India Concept, New Delhi. 1986
9. Smith. D.M. Industrial Location-An Economic Geographical Analysis, John Wil New York. 1971
10. Thomas R.S. : The Geography of Economic Activities McGraw Hill, New Yo 1962.

Padagogy

The students should be taken to the field to identify the economic acitivi praciced by people may be in agriculture industry trade and commitee. The factors

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localization may be explained to the students citing local examples. The students should be encouraged to consult current journals and magazines form library.

PAPER I B & II B : PRACTICAL

The course has been divided into Four Units. There shall be four questions. One from each unit and the examinees shall be required to answer all questions

The examination shall be of three hours duration and shall carry 50 marks

Unit-I Enlargement and reduction of maps Carot grams ; Compound Bar. Propotionate Picdiagrams, Band graphs 15 Marks

Unit-II: Interpretation of Topographical sheets and Weather Maps. 10 Marks

Unit-III: Projection :- Cylindrical equidistant and equal area, zenithal equidistant and equal area, Simple Conical Projection with one and two standard parallels. 15 Marks

Unit-IV Record of practical class work and Viva-voce 10 Marks

Books Recommended :-

Singh : Dutta : Elements of Practical Geography
Singh & Kanuja : Practical Geography
Monkhouse & Wilkinson : Maps and Diagrams
Raize : Principles of Cartography
Singh.Jagdish : Prayogik Bhugol
Sharma J.P. : Proayogik Bhugol

गाँधी विचार

बी0 ए0 सामान्य पाठ्यक्रम (पास कोर्स) [जनरल / सबसीडियरी]

सामान्य छात्रों के लिए

प्रथम पत्र : महात्मा गांधी का जीवन और उनका युग 100 अंक

समूह- "क"-40 अंक

इसमें गांधी जी की "आत्मकथा" या "सत्य के साथ मेरे प्रयोग" नामक मूल पुस्तक के आधार पर अध्ययन अपेक्षित होगा जिसमें निम्न प्रसंगों पर विशेष बल दिया जायेगा।

1. हाई स्कूल के पूर्व का गांधी
2. गांधी जी के दुःखद प्रसंग
3. धर्म की झाँकी
4. चोरी और प्रायश्चित
5. इंग्लैण्ड की प्रथम यात्रा
6. हिन्दुस्तान में वकालत
7. सादगी जीवन और ब्रह्मचर्य
8. रंगभेद
9. नेटाल इंडियन कांग्रेस
10. बोअर युद्ध
11. निरामिष आहार
12. कस्तूरबा गांधी के साथ का जीवन
13. फोनिक्स आश्रम
14. दक्षिण अफ्रीका में सत्याग्रह
15. जुलू विद्रोह
16. गोखले का सम्पर्क

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समूह- "ख" - 60 अंक

यह भाग गांधी जी के यानि 1915 से उनकी मृत्यु 1948 तक का विवरण होगा, जिसके अन्तर्गत निम्न घटनाओं की जानकारी अपेक्षित होगी।

1. नील का दाग-चम्पारण सत्याग्रह
2. खेड़ा सत्याग्रह
3. रौलेट एक्ट
4. खिलाफत आन्दोलन
5. असहयोग आन्दोलन, उसका स्थगन और प्रतिक्रिया
6. स्वराज पार्टी एवं उसकी राजनीति
7. सायमन कमीशन
8. पूर्ण स्वाधीनता का प्रस्ताव
9. डांडी मार्च 1930
10. गोलमेज सम्मेलन में गांधी
11. पूना पैक्ट
12. भारत छोड़ो आन्दोलन
13. भारत विभाजन
14. बापू की आखिरी वसीयत।

पाठ्य पुस्तकें 1 आत्मकथा (सम्पूर्ण)- गांधी जी 2 बापू कथा - हरिभाउ उपाध्याय

सहायक पुस्तकें : 1. गांधी : एक जीवनी- बी0 आर0 नन्दा 2. महात्मा गांधी - रोम्या रोला 3. गाँधी - जे. डोक 4. गांधी -लुई फिशर 5. पुर्णाहुति - प्यारे लाल 6. महात्मा गांधी - पी सी. घोष 7. लाइफ एण्ड डेथ ऑफ महात्मा गांधी - रावर्ट पायन 8. कांग्रेस का इतिहास - पट्टाभि सीता रमैया

प्रतिष्ठा [आनर्स] पाठ्यक्रम

प्रथम पत्र: महात्मा गांधी: व्यक्तित्व एवं कृतित्व

समूह- "क" 40 अंक

इसमें गांधी जी के "आत्मकथा" या सत्य के मेरे प्रयोग नामक मूल पुस्तक के आधार पर अध्ययन अपेक्षित होगा।

समूह-"ख" 60 अंक

इस भाग में गांधी जी के 1915 से उनकी मृत्यु 1948 तक का विवरण होगा जिसमें निम्न घटनाओं की जानकारी अपेक्षित होगी-

1. गांधी के आगमन के पूर्व भारत और भारतीय राष्ट्रीय कांग्रेस की स्थिति
2. भारतीय राष्ट्रीय कांग्रेस पर गांधी जी का प्रभाव
3. विभिन्न सत्याग्रह आन्दोलन, चम्पारण, खेड़ा, बारढोली, रौलेट एक्ट
4. खिलाफत आन्दोलन
5. असहयोग उसका स्थगन और प्रतिक्रिया
6. स्वराज पार्टी एवं उसकी राजनीति
7. सायमन कमीशन
8. पूर्ण स्वाधीनता का प्रस्ताव
9. नमक सत्याग्रह 1930
10. भारत सरकार अधिनियम 1935
11. गोलमेज सम्मेलन
12. पूना पैक्ट
13. भारत छोड़ो आन्दोलन

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14. भगत सिंह अन्य क्रान्तिकारी और गांधी
15. सुभाष चन्द्र बोस, आजाद हिन्द फौज
16. भारत विभाजन और गांधी शहादत
17. बापू की आखिरी बसीयत

पाठ्य पुस्तकें :-

1. भारत का स्वतंत्रता संघर्ष - विपन चन्द्रा।
2. आधुनिक भारत का इतिहास - दीनानाथ वर्मा
3. आधुनिक भारत का इतिहास - सुमित सरकार
4. आधुनिक भारत का इतिहास - यशपाल और ग्रोवर
5. आधुनिक भारत का इतिहास - धनपति पाण्डेय (दो खण्ड)
6. आधुनिक भारत में साम्प्रदायिकता - विपन चन्द्रा
7. स्वातंत्र्य संघर्ष - विपन चन्द्रा
8. आधुनिक भारत का इतिहास - रामलखन शुक्ल
9. भारतीय स्वतंत्रता आंदोलन का इतिहास - तारा चंद्र (चार खंड)
10. भारत में अंग्रेजी राज- (दो खंड)- पं0 सुन्दरलाल
11. भारत का मुक्ति संग्राम- अयोध्या प्रसाद सिंह
12. भारत में उपनिवेशवाद और राष्ट्रवाद - विपन
13. आधुनिक भारत- विपन चन्द्र
14. आज का भारत - रजनी पामदत्त
15. भारत में उपनिवेशवाद- सत्या राय

द्वितीय पत्रः गांधी विचार का प्रयोग

1. सर्वोदय आन्दोलन- सर्व सेवा संघ, सर्वोदय मंडल, बुनियादी तालीम संघ।
2. विनोवा- भूदान, ग्रामदान, स्त्री शक्ति, तीसरी शक्ति, आचार्यकुल
3. जयप्रकाश- सम्पूर्ण क्रान्ति, पंचायत, दलबिहीन लोकतंत्र
4. लोहिया - सप्त क्रांति, चौखम्भा राज, विश्व नागरिकता, सत्याग्रह
5. डॉ0 भीमराव अम्बेडकर- आर्थिक एवं सामाजिक विचार
6. मार्टिन लूथर किंग- रंगभेद, खान अब्दूल गफ्फार खां, खुदाई खिदमतगार
7. आनशांक शुकी, नेल्सन मंडेला, आर्य नायकम, फूजी गुरुजी, दलाई लामा
8. वर्त्तमान गांधी विचार से प्रभावित आन्दोलन प्रमुखतः चिपको आन्दोलन, नर्मदा बचाओ आन्दोलन, गंगा मुक्ति आन्दोलन, सिंगुर और नन्दीग्राम का प्रतिरोध।

पाठ्य पुस्तकें :

1. तीसरी शक्ति - विनोबा भावे
2. भूदान यज्ञ : क्या, क्यों और कैसे ? - चारूचन्द्र भंडारी
3. ग्रामदान - विनोबा
4. शांति सेना - विनोबा
5. आचार्यकुल -विनोबा
6. स्त्री शक्ति - विनोबा
7. सम्पूर्ण क्रांति - जे. पी.
8. सप्तक्रांतियाँ -लोहिया जी

सहायक पुस्तकें :

1. गांधीवाद को विनोबा की देन - डॉ. दशरथ सिंह
2. भूदान गंगा - विनोबा भावे
3. समाजवाद से सर्वोदय - जे. पी.
4. सर्वोदय की ओर - भी. टंडन
5. गांधीजी रेलिभेन्स फार माडर्न टाइम्स - रामजी सिंह
6. गांधी एण्ड मार्डन वर्ल्ड - डॉ.रामजी सिंह
7. सर्वोदय का राजनीति दर्शन - डॉ. जनार्दन पाण्डेय
8. स्वातंत्र्योत्तर गांधी विचार - डॉ. जनार्दन पाण्डेय

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MATHEMATICS

GENERAL/SUBSIDIARY

PAPER-I

Q. no. 1 is objective and compulsory and then after answer any five questions selecting at least one from each group.

GROUP-A

SET THEORY.

Mapping, Equivalence relations and partisons; Congruence modulon : 2 Qn

Theory of Equations :

Relation between the roots and coefficients of general polynomial equation in one variable, Transformation of equations, Descarte's rule of signs. 1 Qn

Solution of cubic equations (Cardon method), Biquadratic equations. 1 Qn

GROUP-B

MODERN ALGEBRA

Definition of a group with examples and simple properties, Subgroups, Generation of groups, Cyclic groups, Coset decomposition, Lagrange's theorem and its consequences, Fermat's and Euler's theorems, Permutation groups, Even and odd permutations, The alternating groups, Caytey's theorem :- 2Qn

MATRIX ALGEBRA

Symmetric, Skew symmetric, Hermitian and skew Hermitian matrices, Elementary operations on matrices, Inverse of matrix, Rank of a matrix 2Qns

GROUP - C

TRIGONOMETRY :

De Moiver's theory and its applications, Logarithm a complex quantity, Expansion of trigonometrical functions, Gregory's series :-

Direct and inverse circular and hyperbolic functions, Summation of series :-

VECTOR ANALYSIS

Scaler and vector Product of three vectors Product of four vectors, Reciprocal vectors : 1 Qn

Vector differentiation. Gradient, Divergence and curls 1 Qn

GROUP - D

DIFFERENTIAL CALCULUS

s-δ definition of the limit of a function, Basic properties of limits, Continuous functions and classification of discontinuities, Differentiability :- 1Qn

Succesive differentiation, Leibnitz theorem, Maclaurin and Taylor series expansions, Curvature.

INTEGRAL CALCULUS :

Integration of irrational algebraic functions, and transcondental functions, Reduction formula, Definite integrals, Quadrature, Rectification : 1+ 1Qns

MATHEMATICS HONOURS

Introduction :- The new syllabus for 3 year degree Honours and 3 year pass in Mathematics has been formulated in view of the UGC guidelines contained in the booklet "UGC Model Curriculum, 2001" A perusal of the UGC curriculum indicated that mole of the contents in theory papers are already being taught in this University for the past several years though there are differences in the UGC pattern and the pattern being followed in this University The UGC Model curriculum has divided the Mathematics honours syllabus in 13 units. Whereas in our yearly pattern of examination

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we have eight theory papers only. The new Syllabus has been prepared so that the existing pattern may continue but almost all the contents/subject matters suggested in the Model curriculum are included. This has been made possible by compressing the subject matter/contents of about two units in one theory paper.

PAPER-I

Q. No. 1 will be objective and compulsory and then after answer any five questions selecting at least one from each group.

GROUP - A (objective)

Set Theory

Mapping Equivalence relations and partitions Congruence modul on 2 Qns

Theory of equation

Relation between the roots and coefficients of general polynomial equation in one variable, Transformation of equation, Descarte's rule of signs :- 1qn

Solution of cubic equations (Cardon method), Biquardratic equations :- 1Qn

GROUP-B

Modern Algebra :

Definition of a group with examples and simple properties. Subgroups, Cyclic groups. Coset decomposition. Lagrange's theorem and its consequences, Fermat's and Euler's theorems, Permutation groups, Even and odd permutations, the alternating groups, cayley's theorem 2 qns

Normal subgroups, Homomorphism and Isomorphism , Quotient groups, The first fundamental theorem of homomorphism : 1 Qn

Introduction of rings, Subrings, Integral domains and field. Characteristic of a ring & field - 1 Qn

GROUP-C

MATRIX ALGEBRA

Symmetric, Skew symmetric, Hermitian and skew Hermitian matrices, Elementary operations on matrices , Inverse of a matrix, Linear independence of row and column matrices, Row rank, Column rank and rank of matrix, Equivalence of Column and row ranks : 1Qn

Eigen values, eigenvectors and the characteristic equation of a matrix , Cayley Hamilton theory and its use in finding inverse of a matrix :-

TRIGONOMETRY :

De moivre's theorem and its applications, Logarithm of a complex quantity, Expansion of Trigonomatrical functions, Gregory's series:- 1 Qn

Direct and inverse circular and hyperbolic functions, Summation of series. 1 Qn

PAPER- II

Q.No. 1 will be objective and compulsory and then after answer any five questions selecting at least one from each group.

GROUP-A

DIFFERENTIAL CALCULUS

s-δ definition of the limit of a function, Basic properties of limits, Continuous functions and classification of discontinuities, Differentiability :- 1Qn

Succesive differentiation, Leibnitz theorem, Maclaurin and Taylor series expansions, Curvature :- 1 Qn

INTEGRAL CALCULUS :

Integration of irrational algebraic functions, and transcondental functions. Reduction formula, Definite integrals, Quadrature, Rectification : 1+1Qns

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Part-I, Part-II and Part-III examination. No student shall be admitted to the B.A. (General) or, B.A. (Honours) Part II class unless he has passed the B.A. (General) or B.A. (Honours) Part I examination and to the part III class unless he has passed the part-II examination.

Provided that if a student fails in or fails to appear at not more than two subjects at the B.A. (General/ Honours) Part-I/II examination he shall be promoted to the next higher class but he shall not be eligible for admission to the B.A. (GENERAL) or B.A. (HONOURS) Part- III Class unless he has passed the B.A. (Honours) Part- I examination in the subject/ subjects concerned.

Provided further that this facility for appearing in such carry over subject/subjects shall be available to a student at not more than three consecutive examinations.

7.2 If a student of the B.A. (Honours) course after having passed the B.A. (Honours) Part I examination does not like to continue with the Honours course it shall be permissible for him to change over to the B.A. (General) course in which case he shall be admitted to the B.A. (General) Part II class and his Honours and Subsidiary subjects shall become his optional subjects and the marks secured by him in those subjects at the B.A. (Honours) Part-I examination shall be treated accordingly. Provided that the average of the marks secured in the Honours Papers shall be treated as the marks secured in that optional subjects.

8. Any registered student of the University may be admitted to the B.A. (General/ Honours) Part I, Part II and Part III examination. If he produces a certificate from the Principal of a College of (a) good conduct. (b) completion of regular course of study in the college by fulfillment of the prescribed requirement of attendance at lectures tutorials and / or practical and by satisfactory record of tutorial and / or practical work and (c) having passed the college. Test or any other equivalent examination, for making him eligible for the University examination.

Provided that a candidate who has failed at any of these examinations or having completed the regular course of study by fulfilling all the requirements is prevented from appearing at the examination for reasons accepted as adequate by the principal of the college and who has not joined a college again, may appear as a non-collegiate student at and up to three immediately following examinations without attendance at lecture and tutorials if he produces a certificate from the Principal of the college where he completed his regular course of study starting that nothing is known to the Principal against his moral character and also a certificate of having taken again a course of practical work at the college for at least 16 periods in each subject in which practical examination is prescribed along with his application for admission to the examination.

8. (ii) Provided further that if a candidate for the B.A. (General/Honours) Part III examinations has passed in other subject/subjects and failed to pass only in General Studies he shall have the option to appear in that single subject at the next examination and if he passes there in it shall be taken into consideration in determination of results.

Practical Examination

9. The examination in psychology, Music, Home Science, Geography and Statistics shall include practical examinations.

Methods of Examination.

10. The examination (other than practical) shall be conducted by means of question-papers which shall be the same at every place where the examination in a paper is held on the same day.

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GROUP - B

Ordinary differential Equations :

Degree and order of a differential equation, Equations of first order and first degree, Equations in which the variables are seperable. Homogeneous equations. Linear equations and equations reducible to the linear form Exact differential equation. First order higher digree equations solvable for x, y, p, Clairaut's form and Singular solutions: Orthogonal trijectories, Linear differential equations of second order with constant coefficients. Complementary functions and particular Integrals :- 1 Qn

Vector Analysis :

Scalar and vector product of three vectors. Product of four vectors, Reciprocal vectors : 1Qn

Vector differentiation, Gradient. Divergence and Curl : 1Qn

GROUP - C

Analytical Geometry of two Dimensions ;

Standerd Eqution of Parabola. Ellipse and Hyperbola and their properties : 1 Qn

Reduction of the General Equation of Second Degree into standerd forms, Equations of tengents and Normale Polar equation of a conic : 1 Qn

Analytical Geometry of three dimensions ;

Direction cosines, the plane, the straight line. the shortest distance between two skew straight lines. Sphere : 1 Qn

Cone. Cylinder. Central Conicoids (including Ellipsoid), conjugate Diameters, Parabolids : 1Qn

STATISTICS & COMPUTER APPLICATION SUBSIDIARY

PAPER- I 75 Marks.

Candidates are required to answer 5 question at least two from each group. Question one is objective and compulsory.

GROUP - A 4 Questions

PROBABILITY THEORY

Important Concepts in Probability : Definition of probability classical and relative frequency approach to probability. Richard Von Mises, Cramer and Kolmogorovs approaches to probability, merits and demerits of these approaches only general ideas to be given. (5L)

Random Experiment : Trial, sample point and sample space, definition of an event. Operation of events mutually exclusive and exhaustive events, Discrete sample space, properties of probability based on axiomatic approach, conditional probability, independence of events Bayes' theorem and its application. (15 L)

Random Varaiables ; Definition of discrete rendom variables, probability mass function, idea of continuous random variable, probability density function, illustrations of random variable and its properties expectation of a random variable and its properties moments, measures of location dispersion, skewness and Kurtosis, Probability generating function (if it exists) , their properties and uses (20L)

Standard univariate descrete distributions and their properties ; Discrete Uniform, Binomial, Poisson, Hypergeomertic, and Negative Binomial distributions. (20L)

Continuous univariate distributions uniform, normal Cauchy; Laplace, Exponential, Chi-Square, Gamma and Bea distributions, Bivariate normal distribution (including marginal and conditional distributions (25L)

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Chebyshey's inequality and applications, statements and applications of weak law of large number and central limit theorems. (5 L)

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Bhat B.R. Srivenkatramana T and Rao Madhava K. S. (1997) : Statistics ; A Beginne's Text Vol. II New Age International (P) Ltd.

Edward P.J. Ford J.S. and L in (1974) : Probability for Statistical Desision-Making, Press Calcutta.

Mood A.M. Graybill F.A. and Boes D.C. (1974) Introduction to the Theory of Statistics, McGraw Hill,

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Cooke, Cramer and Clarke O : Basic Statistical Computing, Champan and Hall.

David S (1996) : Elementary Probability, Oxford Press Hoel P.G (1971) : Introduction to Mathematical Statistitics , Asia Publishing House.

Meyer P.L. (1970) : Introductory Probability and Statistical applications. Addision Wesley.

GROUP-B

4 Questions

DESCRIPTIVE STATISTICS

Types of Data : Concepts of a statistical population and sample from a population ; qualitative and quantitative data nominal and ordinal data ; cross sectional and time series data ; discrete and continuous data ; frequency and non frequency data. Different types of scale- nominal ordinal ratio and interval.

Collection and Scrutiny of Data; Primary data designing a questionnaire and a chedule, checking their consistency, Secondary data-its major sources including some government publications. Complete enumeration, controlled experiments, observational studies and sample surveys Scrutiny of data for internal consistency and detection of erros of recording Ideas of cross validation. (5L)

Presentation of Data : Construction of tables with one or more / factors of clssification, Diagrammatic and graphical representation of groups data. Frequency distributions, cumulative frequency distributions and their graphical representation - histogram, frequency polygon and gives, Stem and leaf chart, Box plot. (15)

Analysis of Quantitative Data : Univariate data : Concept of central tendency or location, dispersion and relative description. skewness and kurtosis, and their measures including those based on quantities and moments. Sheppard's correction for moments for grouped data (without derivation). (20L)

Bivariate data : Scatter diagram. Product moment correlation coefficient and its Properties. Cofficient of determination. Correlation ratio. Concepts of error in regression. Principle of least squares. Fitting of linear regression and related result. Fitting of curves reducible ot polynomials tranformation. Rank correlation - Spearman's and Kendall's measures. (20L)

Multivariate data : Multiple regression multiple correlation and partial correlation in three variables. Their measures and related results. (15L)

Analysis of Categorical data ; Consistency of categorical data./ Independence and association of attributes. Various measures of association for two way and three way classified data. Odd ratio. (10L)

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Bhat B.R. Srivenkatramana T and Rao Madhva K. S. (1996) Statistics : A Beginner's Text Vol. I, New Age International (P) Ltd.

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Croxton F.E. Cowden D.J. and Kellin S (1973) : Applied General Statistics, :Prentice Hall of India.

Goon A.M. Gupta M.K. Das Gupta B. (1991) Fundamentals of Statisitics, Vol. I. World Press. Calcutta.

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Aderson T.W. and Sclove S.L. (1978) An Introduction to the Statistical Analysis of Data. Honghton Miffin/Co

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Snedecor G.w. and Cochram W.G. (1967) : Statistical Methods. I.owa State University Press.

Spiegel, M.R. (1967) Theory & Problems of Statistics, Schaum's :Publishing Series.

25 Marks

PRACTICAL

1. Presentation of data by Frequency tables, Diagrams and graphs.
2. Calculation of Measures of Central tendency, dispersion; skewness and Kurtosis.
3. Product Moment Correlation and carrelation ratio.
4. Fitting of Curves by the least square method.
5. Regression of two variables.
6. Soear man's Rank correlation and Kendall's tau.
7. Multiple regression of three variables.
8. Multiple correlation and Partial correlation.
9. Evaluation of probabilities using Addition and Multiplication theorems. Conditinal probabilitles. And Baye's theorems.
10. Exercises on mathematical ! expectations and finding measures of central tendency. dispersion skewness and kurtosis of univariate probability distributions.
11. Fiting of standard univariat ; and continuous distributions.(30 Practicals)

STATISTICS HONOURS

Introduction :- The new syllabus for 3 year degree honours and 3 years pass in Statistics has been formulated in view of the UGC guidelines contained in the booklet "UGC. Model Curriculum, 2001" A perusal of the UGC curriculum indicates that most of the contents in theory papers are already being taught in this University for the past several years, though there are differences in the UGC pattern and the pattern being followed in this University, The UGC Model Curriculum has divided the Statistics honours syllabus in 13 units, whereas in our yearly pattern of examination we have seven theory papers only (2 in degree Part I 2 in degree Part-II and 3 in degree Part-III) The new syllbus has been prepared so that the existing pattern may continue but almost all the contents /subject matters suggeted in the Model curriculum are incluced. This has been made possible by compressing the subject matter/contents of about two units in one theory paper.

PAPER I

Nine questions are to be set four from each group. Candidates are required to answer any Five questions choosing two from each group. Question one is objective and compulsory.

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GROUP-A 4 Questions

PROBABILITY

Random Experiment : trial, sample point and sample space, event, operations of events, concepts of mutually exclusive and exhaustive events.

Definition of probability : Classical and relative frequency approach. Discrete probability space, Properties of probability . Independence of events, Conditional probability, total compound probability rules, Bayes' theorem and its applications.

Discrete random variable [rv]; its probability mass function [pnf] and cumulative distribution function [cdf], Joint pmf of several discrete rvs. Marginal and conditional pmfs. Independence of rvs. Expectation of a rv and its properties. Moments. measures of location and dispersion of rv. their properties and uses.

Standard univariate / bivariate discrete distributions degenerate, descrete uniform binomial, hypergeometric, Poisson, Geometric and negative bionomial distributions. Marginal land conditional distributions, Distributions of functions of discrete rvs, reproductive property of standard distributions.

GROUP-B 4 Questions

MATHEMATICAL METHODS.

Vector space with real field ; linear combination of vectors : subspaces ; Examples in R with geometrical interpretation ; Linear dependence and independence of vectors ; Dimension and basis of a vector space

Matrices ; types of matrices; operation on matrices ; partitioned matrices ; determinants; singular and nonsingular matrices.

Rank of matrix ; row rank and column-rank. Properties of rank, rank of sum and product of matrices ; Inverse of matrix, Orthogonal matrix; Idempotent matrix.

Linear equations, homogeneous and non homogeneous system of equations ; solution space; consistency and general solution.

Sequences and series of real number, convergence, Cauchy criterion and simple tests for convergence.

PAPER - II

75 Marks

Nine questions to be set Examinees are required to answers any Five questions, question no. 1 is objective and compulsory.

DESCRIPTIVE STATISTICS (8 Questions)

Types of Data : Concepts of a statistical population and sample from a population ; qualitative and quantitative data nominal and original data ; cross sectional and time series data ; discrete and continuous data ; frequency and non frequency data. Different types of scale- nominal ordinal ratio and interval.

Collection and Scrutiny of Data; Primary data designing a questionnaire and a government publications Complete enumeration, controlled experiments, observational studies and sample surveys Scrutiny of data for internal consistency and detection of errors of recording Ideas of cross validation.

Presentation of Data : Construction of tabes with one or more / factors of clssification, Diagrammatic and graphical representation of non- frequency data. Frequency distributions, cumulative frequency distributions and their graphical and digrammatic representation - column diagram histogram, frequency polygon and gives, Stem and leaf chart, Box plot.

Analysis of Quantitative Data : Univariate data : Concept of central tendency or location, dispersion and relative description. skewness and kurtosis, land their measures

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including those based on quantities and moments. Sheppard's correction for moments for grouped data (without derivation). Measures of inequality - Gini's coefficient and Lorenz Curve.

Bivariate data : Scatter diagram. Product moment correlation coefficient and its Properties. Cofficient of determination. Coefficient ratio. Concepts of regression. Principal of least squares. Fitting of linear and quadratic regression and related result. Correlation index . Fitting of curves reducible to polynomials by log and inverse tranformation. Fitting of curves by the method of group averages. Intra-class coreelation coefficient with equal and unequal group sizes. Rank correlation - Spearman's and Kendall's measures.

Multivariate data : Multiple regression multiple correlation and partial correlation in 3 variable. Their measures and related results.

Analysis of Categorical data ; Consitency of categorical data. Independence and association of attributes. Various measures of association for two way and three way classified data. Odd ratio.

Scaling of Data : Motivation for scaling. Measurement for Psychological traits. Scaling of items according to difficulty. Scaling of test scores. Scaling of rates and ranks.

COMPUTER APPLICATIONS AND PRACTICAL 50 Marks

Historical evolution of Computers, Generations of Computer, Classification of Computers, Hardware, CPU, $^{I}/_{0}$ Devices, Block diagrams System Software, MS-DOS: Filenames Creating editing a printing of Files . Other File Management Commands. Disk-Management Commands

Windows : The user Interface, The Desk Top, The Task Bar, The control Panel. The Find Features Properties, font : Management, System Tools, Character Map. Note Pad, The My Computer, Icon, Folders . Short cuts.

Word processing : Creatirg and Saving a Document. Editing the Text, Printing Documents.

Working with Software Package : Ms.Ezeel, Minitab. SFSS of SYSTAT.

1. Classification, Taburation and Frequency Tables
2. Bar Graph DOT. Diagram and Histogram.
3. Stem and Leaf Plots.
4. Box Plot.
5. Summary Statistics.
6. Two way tables and Plots.
7. Product moment correlation coefficient. Rank Correlation coefficient.
8. Curve setting by method of least squares : Exponential and polynomial (up to the three degree) equations.
9. Regression Lines.
10. Correlation Ratio
11. Multiple and partial correlation coefficients. Regression Equations for three variables only
12. Gram Schmid orthogonalization process.
13. Rank and inverse of a matrix
14. Solution of sel of linear equations.
15. fitting of Binomial. Poisson Negative Binomial. Norsmal and Gamma Distributions.

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11. In a subject in which practical examination is prescribed the practical notebook of each candidate offering the subject shall be inspected by the examiners who shall take the same into consideration while awarding marks for the practical examination. The practical notebook which has not been signed at regular intervals by the teacher under whom the candidate worked shall not be accepted. The practical notebook shall carry ten percent of the marks prescribed for the Practical Examination. The Practical Examination shall include a viva examination carrying ten percent of the marks prescribed for the practical examination.

Duration of Examination.

12. The examination in the theory paper or theory portion of a paper shall be of three hours duration and the examination in a paper for practical portion of a paper/ papers shall be six hours duration.

Pass Marks and Divisions in B.A. (General) Examination

13. 1 In order to pass the B.A. (General) Part I or Part II or Part III examination a candidate must obtain not less than 33% of the total marks in each subjects of the examination provided that in subjects involving practical examination he must obtain not less than 23 marks in the theory portion and 10 marks in the practical portion of each of the papers.

Provided further that if he has offered two languages in composition he must obtain at least 15 marks in each language and 33 marks in paper as a whole.

13. 2 In order to pass the B.A. (General examination) a candidate must have passed the B.A. (General) Part-I, Part- II and Part- III examination separately.

13.3 A candidate who passes the B.A. (General) Examination obtaining not less than 60% of the total marks in all three parts of the examination taken together shall be placed in the first division.

13.4 A candidate who passes the B.A. (General) Examination obtaining less than 60% but not less than 45% of the total marks in all the three parts of the examination taken together shall be placed in the second division.

13.5 the remaining successful candidates shall be placed in the third division.

13.6 A candidate who passes the B.A. (General) examination obtaining 75% or more marks in any subject in all the three parts of the examination taken together shall be declared to have passed with Distinction in the subject.

Pass Marks and Classes in B.A. (Honours) Examination.

14. 1 In order to pass the B.A. (Honours) Part-I or Part-II or Part-III examination a candidate must obtain not less than 45% of the total marks in the Honours subject and 33% of the total marks in each of the other subject of the examination.

Provided that in subjects involving practical examination he must obtain (i) in case of an Honours subjects not less than 67 marks in papers - I and II taken together and 23 marks in the practical portion of these papers or not less than 67 marks in the Paper-III and IV taken together and 23 marks in the practical portion of these papers or not less than 135 marks in V, VI and VII taken together and 45 marks in Paper- VIII as the case may be and (ii) in case of a subsidiary subjects not less than 23 marks in the theory portion and 10 marks in the practical portion of each of the papers.

Provided further that if he has offered two languages in composition he must obtain at least 15 marks in each language and 33 marks in the paper as a whole.

14.2 In order to pass the B.A. (Honours) examination a candidate must have passed

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the B.A. (Honours) Part-I, Part II and Part III examination separately.

14.3 A candidate who passes the B.A. (Honours) examination obtaining not less than 60% of the total marks in the Honours subject in all the three parts of the examination taken together shall be placed in the first class.

14.4. The remaining successful candidates shall be placed in the second class.

14.5 A candidate who passes the B.A. (Honours) examination obtaining 75% or more marks in any subjects in all the three parts of the examination taken together shall be declared to have passed with Distinction in the subjects.

Moderation of Results

15. Not withstanding anything contained in the Regulations concerning moderation of examination results.

(i) If a candidate for the B.A. (General) Part III examination fails to pass in any one subject by not more than 5% marks in any two subjects by not more than 3% marks in each subject, he shall be awarded the marks required to enable him to pass in the subject/subjects concerned and his result shall be declared accordingly.

(ii) If a candidate for the B.A. (Honours) Part III examination fails to secure first or second class by not more than 5 marks in the Honours subject but has passed in General studies, he shall be awarded the marks required to enable him to secure first or second class as the case may be and his results shall be declared accordingly.

(iii) If a candidate for the B.A. (Honours) Part III examination who has passed in the Honours subject fails to pass in General Studies by not more than 5 marks he shall be awarded the marks required to enable him to pass in the subject and his result shall be declared accordingly.

(iv) In a subject involving practical examination where separate passing is necessary in part of it the shortage shall be calculated on the basis of the full marks in that part but failure in different parts shall be deemed to be failure in one subject only.

(v) The provisions for moderation of results shall not be applicable in case of B.A. (General/Honours) Part, I and Part II examinations.

Publication of Result.

16. 1 As soon as possible after the examination the Vice Chancellor shall cause a list of successful candidates at the B.A.(General/Honours) examinations to be published.

16.2 (i) The list of successful candidates at the B.A. (General) examination shall be published collegewise in three categories in the first division in order of merit and in the second and third division in alphabetical order. Separate collegewise list shall be published for non-collegiate candidates.

16.2 (ii) The list of successful candidates at the B.A. (Honours) examination shall be published subject wise in two categories in order of merit in the first class and in the second class indicating the name of the college against each candidate.

16.3 If a candidate has obtained Distinction in any subject it shall be mentioned against his name.

Award of Degree

17. Each successful candidate at the B.A. (General/Honours) Examination shall receive, in token of his degree a diploma in the prescribed form in Hindi specifying the name of the college and the division/class in which he was placed and in case of Honours Degree also the Honours subject in which he was examined. The English version of the diploma may be issued on payment of the prescribed fee.

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राष्ट्रभाषा हिन्दी (अनिवार्य भाषा पत्र)

(कला/ वाणिज्य/ विज्ञान : सभी विद्यार्थियों के लिए)

पूर्णांक : 100

अंक विभाजन :

1. पाठ्यपुस्तक से परिचयात्मक प्रश्न : 15 x 2 = 30 अंक
2. पाठ्यपुस्तक से अर्थ-लेखन : 5 x 2 = 10 अंक
3. भाषा अनुप्रयोग संबंधी प्रश्न : 10 x 4 = 40 अंक
4. सम्पूर्ण पाठ्य पुस्तक से वस्तुगत प्रश्न : 1 x 20 = 20 अंक

निर्धारित पाठ्यपुस्तक :

भाषा दर्शन : सम्पादक डॉ0 विद्यारानी एवं प्रो0 रामचन्द्र घोष, प्रकाशक : भारत बुक डिपो

निर्धारित पाठ :

काव्य-खण्ड :

1. वर दे वीणावादिनी - निराला
2. मैं नीर भरी दुख की बदली - महादेवी वर्मा
3. हिमालय का संदेश - दिनकर
4. मेरा देश बड़ा गर्बीला - गोपाल सिंह नेपाली
5. अकाल के बाद - नागार्जुन
6. ताल-जल - नरेश मेहता

गद्य-खण्ड : 1. उत्साह - रामचन्द्र शुक्ल 2. शतरंज के खिलाड़ी - प्रेमचन्द
3. करवा का व्रत - यशपाल 4. अपने देश के लोग - कमलेश्वर
5. परमात्मा का कुत्ता - मोहन राकेश 6. मजबूरी - मन्नू भण्डारी

भाषा-विवेचन खण्ड

1. पारिभाषिक शब्दावली 2. अनुवाद 3. पत्राचार
4. हिन्दी में पदनाम 5. शब्दशुद्धि/ वाक्यशुद्धि, 6. संक्षेपण 7. पल्लवन

राष्ट्रभाषा हिन्दी

(अहिन्दी भाषी विद्यार्थियों के लिए कला/ वाणिज्य/ विज्ञान)

पूर्णांक : 50

निर्धारित पाठ्यपुस्तक : हिन्दी गद्य-पद्य संग्रह : सम्पादक : डॉ0 शिवभूषण अवस्थी

अंक विभाजन :

1. पाठ्यपुस्तक से परिचयात्मक प्रश्न : 10 x 2 = 20 अंक
2. पाठ्यपुस्तक से अर्थ-लेखन : 5 x 2 = 10 अंक
3. व्याकरण एवं रचना : 5 x 2 = 10 अंक
4. वस्तुगत प्रश्न : 1 x 10 = 10 अंक

निर्धारित पाठ : गद्य - खण्ड

1. पंच परमेश्वर - प्रेमचंद 2. प्राचीन भारत की एक झलक - महावीर प्रसाद द्विवेदी
3. कहानी का प्लाट - शिवपूजन सहाय 4. भारत एक है - रामधारी सिंह दिनकर
5. हिन्दी का भविष्य - हजारी प्रसाद द्विवेदी

पद्य - खण्ड

1. साखी - कबीर 2. दोहे - रहीम 3. सवैया - रसखान 4. जन्मभूमि-मैथिली शरण गुप्त

व्याकरण : शब्द ज्ञान (पर्याय, विलोम, श्रुति सम भिन्नार्थक), मुहावरे, अनेक शब्दों के लिए एक शब्द, लिंग-निर्णय

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