☞**Note:***For New Batch 2022 onwards* (Semester Scheme)

# B.A. IIIrd Year 5th & 6th

## (Semester Scheme)

**Guru Jambheshwar University of Science & Technology, Hisar**
**ENGLISH (COMPULSORY)**

**5th Semester**

| Paper No. | Paper Code | Nomenclature of Paper | External Marks | Internal Marks | Total Marks | Time |
|---|---|---|---|---|---|---|
| Paper A | ENGC 301 | English Compulsory | 80 | 20 | 100 | 3 Hrs |

**6th Semester**

| Paper No. | Paper Code | Nomenclature of Paper | External Marks | Internal Marks | Total Marks | Time |
|---|---|---|---|---|---|---|
| Paper A | ENGC 302 | English Compulsory | 80 | 20 | 100 | 3 Hrs |

**ENGLISH (COMPULSORY)**
**B.A. IIIrd Year 5thSemester**
**PAPER-A        ENGC 301 : English (Compulsory)**

**Maximum Marks :**100                                                                          **External Marks :**80

**Time:** 3 hours                                                                                **Internal Assessment :**20

Note: 1. The candidate shall attempt **five** questions in all. The Question No. 1 will be **compulsory**. The Candidate shall attempt four more questions selecting at least one from each Unit. The paper will carry 100 marks out of which 20 marks will be earmarked for internal assessment.

2.The **Compulsory Question No.1** will be short answer type questions containing **ten** questions of equal marks (i.e., 2 marks each) spread over the whole syllabus. Other questions will carry the 15 marks each.

**Prescribed Text:** *Reading a Novel: Kanthapura & An Exercise in Language Use* edited by Umed Singh, Pankaj Sharma, Deepti Dharmani.

**SCHEME OF QUESTION PAPER**

Q 1. This question is compulsory and consist ten questions of two marks each.                         **20 Marks**

Q 2. (a) This question will be based on the text, one long answer type question out of the given two to be answered in about 300 words. The questions will be designed to test the candidate's critical understanding of the text. **10 Marks**

(b) There will be one question with internal choice based on "Novel and Its forms" and "Glossary" given in the text book.                                                                                           **5 Marks**

Q 3. (a) This question will be based on References to the Context (one out of two).                  **7½ Marks**

(b) One comprehension passage from the text followed by five questions.                               **7½ Marks**

Q.4. (a) Students will be required to transcribe and mark primary stress on any eight words out of the given ten.  **8 Marks**

(b) Students will be required to mark Intonation (falling and rising tones) in any seven sentences out of the given ten. **(for blind candidates only)** There will be 7 idioms/ pairs of words out of which the candidates will be required to attempt any ten.                                                                             **7 Marks**

Q 5. (a) Students will be required to fill the blanks with appropriate transitional words/ phrases in any five sentences out of the given seven. The sentences should not be the same as given in the text.

**5 Marks**

(b) Students will be required to identify and transform the seven sentences (from one type to another, i.e. simple, compound and complex) out of the given ten.                                                           **5 Marks**

(c) Students will be required to write a paragraph of about 150 words on any one of the four given topics. 5 Marks

**ENGLISH (COMPULSORY)**
**B.A. IIIrd Year 6th Semester**
**PAPER-A    ENGC 302 : English (Compulsory)**

**Maximum Marks :**100 Marks                                                                    **External Marks :**80 Marks

Time :**03 hours**                                                                              Internal Assessment :**20 Marks**

**Note:- 1.** The question paper will consist of **nine** questions. The candidate shall attempt **five** questions in all. The Question No. 1 will be **compulsory**. The Candidate shall attempt four more questions selecting at least one from each Unit. The paper willcarry 100 marks out of which 20 marks will be earmarked for internal assessment.

2. The **Compulsory Question No.1** will be short answer type questions containing **ten** questions of equal marks (i.e., 2 marks each) spread over the whole syllabus. Other questions will carry the 15 marks each.

**Prescribed Text:** *Interpreting A Play: The Merchant of Venice and Developing Composition Skills* by Deepti Dharmani, Pankaj Sharma and Umed Singh.

**SCHEME OF QUESTION PAPER**

Q 1. This question is compulsory and consist ten questions of two marks each.                         **20 Marks**

Q 2. This question will be designed to assess the understanding of the text by the students. The students shall answer any three out of the given five questions in about 150 words each).                                       **7 ½ × 2 = 15 Marks**

Q 3.    (a) This question will be based on References to the Context (one out of two).               **10 Marks**

(b) This question will be based on the section of the text: "Introduction to Drama and Types of Drama" given in the text. Students will be required to answer any two out of the given four items.                            **5 Marks**

Q 4. (a) Students will be required to write one word substitution of any five expressions out of the given eight. **5 Marks**

(b) Students will be required to write a précis of the given passage of about 300 words.                **10 Marks**

Q 5. (a) Students will be required to attempt one question on Email/Memo/Circular/RTI out of the given two questions. The question intends to test the understanding of the basic modes of communication.          **7 Marks**

(b) Students will be required to write a business/official letter out of the given two.                **8 Marks**

**Guru Jambheshwar University of Science & Technology, Hisar**

**Scheme for Theory Based Subjects**

**Guidelines for Scheme of examination of UG Course**

**Hindi (Compulsory (under semester system)**

The Scheme of Examination of undergraduate (UG) Courses under Faculty of Humanities & Social Sciences run by affiliated degree colleges will be under 80: 20 (external: internal) for theory based courses. Pass percentage will be ……..

For the UG courses under Faculty of Humanities & Social Sciences, the guidelines regarding scheme and paper setting will be followed as:

| |
|---|
| For the end semester examinations, five questions are to be set by the examiner. The candidates shall attempt all five questions. First question will be compulsory of 20 marks based on the entire syllabus. It will comprise of ten short answer type questions of two marks each. Students are required to attempt rest four questions in which internal choice will be available. All remaining four questions shall carry equal marks i.e. 15 each. |
| **Scheme: 80:20 (external: internal)** |
| 1st question=20 marks (10 short answer type questions of two marks each) |
| Rest four questions: 15 marks each i.e. 4 x 15=60 |
| Total = (20+60) + 20 = 100marks |

| |
|---|
| **Components of Internal Assessment (Breakdown of 20 marks)** |
| 2 Assignments: 10 marks each |

**Guru Jambheshwar University of Science & Technology, Hisar**

**Hindi (Compulsory)**

**B.A. IIIrd Year 5th & 6th Semester Scheme of Examination**

5th Semeste

| Paper No. | Paper Code | Nomenclature of Paper | External Marks | Internal Marks | Total Marks | Time |
|---|---|---|---|---|---|---|
| **B.A. Hindi Paper-A Theory** | HINC 301 | Hindi Compulsory | 80 | 20 | 100 | 3Hrs |

| 5th Semester | | | | | | |
|---|---|---|---|---|---|---|
| Paper No. | Paper Code | Nomenclature of Paper | External Marks | Internal Marks | Total Marks | Time |
| **B.A. Hindi Paper-A Theory** | HINC 302 | Hindi Compulsory | 80 | 20 | 100 | 3Hrs |

## बी.ए. तृतिय वर्श पाचवाँ समेस्टर
### HINC 301- fglnh ¼vfuok;Z½

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dqy vad % 100
le; % 3 ?k.Vs

fyf[kr ijh{kk % 80
vkUrfjd ewY;kadu % 20

☐ निर्धारित पाठ्यक्रम

- समकालीन हिन्दी साहित्य पर आधारित पाठ्य पुस्तक
- हिन्दी साहित्य का आधुनिक काल– कविता
- प्रयोजनमूलक हिन्दीः पत्र लेखन, संक्षेपण तथा पल्लवन

(क)  पाठ्य पुस्तक में निर्धारित रचनाकार

1. सच्चिदानन्द हीरानन्द वात्स्यायन 'अज्ञेय'
2. धर्मवीर भारती
3. श्री नरेश मेहता
4. नागार्जुन
5. रघुवीर सहाय
6. कुंवरनारायण
7. लीलाधर जगूड़ी

☐ पाठ्यक्रम में निर्धारित कवियों पर उनके साहित्यिक परिचय, अनुभूतिगत वैशिष्टय तथा अभिव्यक्तिगत सौष्ठव पर ही प्रश्न पूछे जाएँगे। कवियों की विशिष्ट रचनात्मक प्रवृति पर प्रश्न नहींपूछे जाएंगे।

(ख)  हिन्दी साहित्य का आधुनिक काल : कविता पाठ्यक्रम में निर्धारित आलोचनात्मक प्रश्न

1. भारतेन्दुयुगीन हिन्दी कविता की प्रवृतियाँ
2. द्विवेदीयुगीन हिन्दी कविता की प्रवृतियाँ
3. छायावाद
4. प्रगतिवाद
5. प्रयोगवाद
6. नयी कविता
7. समकालीन कविता

(ग)  प्रयोजनमूलक हिन्दी : पत्र लेखन, संक्षेपण तथा पल्लवन

1. पत्र लेखन स्वरुप और उसके विविध भेद
2. संक्षेपण
3. पल्लवन

(घ)  वस्तुनिष्ठ प्रश्न : उर्पयुक्त सम्पूर्ण पाठ्यक्रम में से वस्तुनिष्ठ प्रश्न पूछे जाएँगे।

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1  खण्ड (क) में निर्धारित पाठ्य पुस्तक में से व्याख्या के लिए चार अवतरण दिए जाएँगे जिनमें से परीक्षार्थियों को किन्ही दो का उत्तर देना होगा। एक व्याख्या के लिए 5 अंक और पूरा प्रश्न 10 अंक का होगा।

2  खण्ड (क) साहित्यकारों पर दो साहित्यिक परिचय दिए जाएँगे परीक्षार्थियों को एक का उत्तर लिखना होगा यह प्रश्न 5 अंक का होगा।

3  खण्ड (क) में से साहित्यकारों पर दो आलोचनात्मक प्रश्न पूछे जाएँगे परीक्षार्थियों ने एक का उत्तर देना होगा इस प्रश्न के लिए 7 अंक निर्धारित होंगे।
खण्ड (क) पाठ्यक्रम से चार लघुत्तरी पूछे जाएँगे परीक्षार्थियों को दो प्रश्नों के उत्तर देने होंगे। प्रत्येक प्रश्न के लिए 4 अंक और पूरा प्रश्न 8 अंक का होगा।

4  खण्ड (क) हिन्दी साहित्य का आधुनिक काल में दो आलोचनात्मक प्रश्न पूछे जाँएगे परीक्षार्थियों को एक प्रश्न का उत्तर लिखना होगा यह प्रश्न 7 अंक का होगा।
(ख) खण्ड (ख) आधुनिक साहित्य से चार लघुतरी प्रश्न पूछे जाँएगे परीक्षार्थियों को दो प्रश्नों के उत्तर देने होंगे परीक्षार्थियों को दो प्रश्न का उत्तर लिखने होंगे पूरा प्रश्न 8 अंक का होगा।

5  खण्ड (ग) प्रयोजनमूलक हिन्दी में से दो प्रश्न पूछे जाँएगे परीक्षार्थियों को एक प्रश्न का उत्तर लिखना होगा यह प्रश्न 7 अंक का होगा।
(ख) खण्ड (ग) पाठ प्रयोजन मूलक हिन्दी में से चार लघुत्तरी प्रश्न पूछे जाँएगे परीक्षार्थियों को दो के उत्तर देने होंगे प्रत्येक प्रश्न 4 और पूरा प्रश्न 8अंक का होगा।

6  खण्ड (घ) सम्पूर्ण पाठ्यक्रम में से दस वस्तुनिष्ठ प्रश्न पूछे जाँएगे परीक्षार्थियों ने सभी दस का उत्तर लिखना है। प्रत्येक प्रश्न 2 अंक और पूरा प्रश्न 20 अंक का होगा। प्रश्न का उत्तर लगभग 50 शब्दों में देना होगा।

पेपर – ए **HINC** 302. हिन्दी (अनिवार्य)

कुल अंक : 100  ।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।। लिखित परीक्षा : 80

समय : 3 घण्टे  ।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।।। आन्तरिक मूल्यांकन : 20

☐ निर्धारित पाठ्यक्रम

- नव्यतर विधाओं पर आधारित पाठ्य पुस्तक
- हरियाणवी भाषा और साहित्य का इतिहास
- प्रयोजनमूलक हिन्दी: पत्रकारिता

खण्ड(क) पाठ्यक्रम में निर्धारित रचनाकार एवं रचना

1. बालमुकुंदगुप्त ।।।।।।।।।।।।।।।।।।।।।।।।। : आशाकाअंत(निबंध)
2. आचार्य रामचन्द्र शुक्ल ।।।।।।।।।।।। : उत्साह(निबंध)
3. महादेवी वर्मा ।।।।।।।।।।।।।।।।।।।।।।।।।।।।। : गिल्लू(संस्मरण)
4. आचार्य हजारी प्रसाद द्विवेदी : देवदारू (ललित निबंध)
5. विद्यान निवास मिश्र ।।।।।।।।।।।।।।।।। : मेरेरामकामुकुटभीगरहाहै(ललित निबंध)
6. हरिशंकर परसाई ।।।।।।।।।।।।।।।।।।।।। : सदाचारकाताबीज(व्यंग्य)
7. राहुल सांकृत्यायन ।।।।।।।।।।।।।।।।। : तिब्बत के पथपर(यात्रावृत)

☐ पाठ्यक्रम में निर्धारित रचनाकारों के साहित्यिक परिचय, निबन्धों के विषय तथा कला पक्ष पर ही प्रश्न पूछे जाँएगे

खण्ड(ख) हरियाणवी भाषा और साहित्य का इतिहास पाठ्यक्रम में निर्धारित विषय

1. हरियाणवी भाषाका उद्भव और विकास
2. हरियाणवी भाषा की प्रमुख बोलियाँ
3. हरियाणा की सांगपरम्परा ।।।।।।।।।।।।।।। : उद्भव और विकास
4. हरियाणवी भाषा का आधुनिक पद्य और गद्य साहित्य
5. हरियाणवी आधुनिक कविता : परिचय औरप्रवृत्तियाँ
6. हरियाणवी का गद्य साहित्य : उपन्यास, कहानी, नाट्य

खण्ड(ग) प्रयोजनमूलक हिन्दी : पत्रकारिता

1. पत्रकारिता– स्वरूप और प्रकार
2. शीर्षक की संरचना
3. सम्पादक के गुण और दायित्व
4. फीचर लेखन
5. स्वतन्त्र प्रेस की अवधारणा

खण्ड(घ) सम्पूर्ण पाठ्य क्रम से वस्तुनिष्ठ प्रश्न

☐ **निर्धारित पाठ्यक्रम का वर्गीकरण और अंक विभाजन**

1 खण्ड(क) निर्धारितपाठ्य पुस्तक में से व्याख्या के लिए चार अवतरणदिए जाँएगे, परीक्षार्थियों को किन्ही दो अवतरणों की व्याख्या करनी है प्रत्येकठ याख्या 5 अंक और पूरा प्रश्न 10 अंकका होगा।

2 खण्ड(क) निर्धारित आलोचनात्मक प्रश्नों में से दो प्रश्न पूछे जाँएगे जिनमें से परीक्षार्थियों को एक प्रश्न का उत्तरदेना होगा यह प्रश्न 5 अंक का होगा।

3 खण्ड(क) निर्धारित पाठ्य पुस्तक से छ: लघुतरी प्रश्न पूछे जाँएगे, परीक्षार्थियों को लगभग 150 शब्दों में किन्ही तीन के उत्तर लिखने होंगे प्रत्येक प्रश्न 5 अंक और पूरा प्रश्न 15 अंक का होगा।

4 खण्ड(ख) निर्धारित आलोचनात्मकप्रश्नों में से दो प्रश्न पूछे जाँएगे परीक्षार्थियों को एक प्रश्न का उत्तर देना होगा यह प्रश्न 7 अंक का होगा।

5 खण्ड(ख) में निर्धारित प्रश्नों में से चार लघुतरी प्रश्न पूछे जाँएगे परीक्षार्थियों ने इनमें से दो के उत्तर लिखने होंगे प्रत्येक प्रश्न 4 अंक और पूरा प्रश्न 8 अंक का होगा।

6 खण्ड(ग) में निर्धारित पाठ्यक्रम में से छ: लघुतरी प्रश्न दिए जाँएगे जिनमें से परीक्षार्थियों को तीन प्रश्नों के उत्तर 150 शब्दों में लिखने होंगे प्रत्येक प्रश्न के लिए 5 अंक और पूरा प्रश्न 15 अंक का होगा।

7 खण्ड(ग) में पूरे पाठ्यक्रम से दस लघुतरी प्रश्न पूछे जाँएगे प्रत्येक प्रश्न 2 अंक का होगा पूरा प्रश्न 20 अंक का होगा प्रत्येक प्रश्न का उत्तर 25–50 शब्दों में लिखना होगा।

## Guru Jambheshwar University of Science and Technology, Hisar

### Scheme for Theory Based Subjects

**Guidelines for Scheme of examination of UG Course Political Science (under semester system)**

The Scheme of Examination of undergraduate (UG) Courses under Faculty of Humanities & Social Sciences run by affiliated degree colleges will be under 80: 20 (external: internal) for theory based courses. Pass percentage will be ……..

For the UG courses under Faculty of Humanities & Social Sciences, the guidelines regarding scheme and paper setting will be followed as:

| |
|---|
| For the end semester examinations, nine questions are to be set by the examiner. The candidates shall attempt five questions in all. First question will be compulsory of 20 marks based on the entire syllabus. It will comprise of ten short answer type questions of two marks each. Students are required to attempt any four questions out of remaining eight questions (these eight questions may be (in) up to four units depending on the subject). All remaining questions shall carry equal marks. |

| |
|---|
| **Scheme: 80:20 (external: internal)** |
| 1st question=20 marks (10 short answer type questions of two marks each) |
| Rest four questions: 15 marks each i.e. 4 x 15=60 |
| Total = (20+60) + 20 = 100marks |

| Components of Internal Assessment (Breakdown of 20 marks) | |
|---|---|
| (b) | 2Assignments: 10 marks each |

### GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR
### POLITICAL SCIENCE
### B.A. IIIrd Year 5th & 6th Semester Scheme of Examination

**5thSemester**

| Paper No. | Paper Code | Nomenclature of Paper | External Marks | Internal Marks | Total Marks | Time |
|---|---|---|---|---|---|---|
| Paper-A Theory | POLS 301 | Option-I Comparative Politics | 80 | 20 | 100 | 3Hrs |

**6th Semester**

| Paper No. | Paper Code | Nomenclature of Paper | External Marks | Internal Marks | Total Marks | Time |
|---|---|---|---|---|---|---|
| Paper-A Theory | POLS 303 | Option-I Comparative Constitutions of UK & USA | 80 | 20 | 100 | 3Hrs |

**Guru Jambheshwar University of Science & Technology, Hisar**
**POLITICAL   SCIENCE**
**B.A. IIIrd Year 5thSemester**
**PAPER-A (THEORY)**          **POLS 301 : Comparative  Politics (Optional-I)**

Maximum  Marks : 100                                                                External  Marks : 80
Time  : 3 hours                                                                Internal Assessment : 20
**Note:- 1.** The question paper will  consist of *nine* questions. The candidate shall attempt *five* questions in all. The Question No. 1 will be *compulsory*. The Candidate shall attempt *four* more  questions selecting at least *one* from each Unit. The paper will carry 100 marks  out of which 20 marks  will be earmarked  for internal assessment.
2. The **Compulsory Question No.1** will be short answer type questions containing *ten* questions of equal marks  (i.e., 2 marks each) spread over the whole  syllabus. Other questions will  carry the 15 marks  each.

<h3 align="center">Unit-I</h3>

Comparative Politics-Definition,  Scope; Traditional & Modern Concerns; Comparative  Methods.

<h3 align="center">Unit-II</h3>

Approaches to the Study of Comparative  Politics: Input-Out (David Easton), Structural-Function (G. Almond),Political  Development (Lucian W. Pye), Political Culture (G. Almond).

<h3 align="center">Unit-III</h3>

Constitutionalism: History, Nature, Type and Problem in Modern Times.

<h3 align="center">Unit-IV</h3>

Constitutional Structure: (a) Formal-Executive,  Legislation and Judiciary, (b) Informal  Structures−Political Parties and Pressure Groups.

**Readings**

1.   G.A. Almond and J.S. Coleman,  The Politics of the Developing Areas, Princeton NJ, Princeton University Press, 1960.

2.   G.A. Almond, and S. Verba, The Civic Culture : Political Attitudes and Democracy in Five Nations, Princeton NJ, Princeton University Press, 1963.

3.   G.A. Almond, Comparative Politics Today : A World View, 7th edn., New York, London, Harper/Collins, 2000.

4.   D.E. Apter, The Politics of Modernization, Chicago,  University of Chicago  Press, 1965.

5.   A.Bebler and J. Seroka (eds.), Contemporary Political Systems: Classifications and Typologies, Boulder Colerado,  Lynne Reinner Publishers, 1990.

6.   L.J.Cantori and A.H. Zeigler (ed.), Comparative Politics in the Post-Behaviouralist Era, London, Lynne Reinner Publisher, 1988.

7.   O. Dunleavy and B.O' Leary, Theories of Liberal Democratic State, London, Macmillan, 1987.

8.   R. Hauge and M. Harrop, Comparative Government and Politics. An Introduction, 5th edn., New York, Palgrave, 2001.

9.   H. Finer, Theory and Practice of Modern Government, London, Methuen, 1969.

10.  J.C. Johari, Comparative Political Theory: New Dimensions, Basic Concepts and Major Trends, New Delhi, Sterling, 1987.

11.  K. Kumar, Revolution : The Theory and Practice of a European Idea, London, Weidenfeld and Nicolson, 1971.

12.  R.C. Macridis, The Study of Comparative Government, New York, Doubleday, 1955.

13.  R.C. Macridis and R.E. Ward, Modern Political Systems : Europe, and Asia, 2nd edn. Englewood Cliffs NJ, Prentice Hall, 1968.

14.  J. Manor (ed.), Rethinking Third World Politics, London, Longman, 1991.

15.  R.C. Macridis, Modern European Governments : Cases in Comparative Policy  - Making, Englewood Cliffs NJ, Prentice Hall, 1968.

16.  L.W. Pey (ed.), Communication and Political Development, Princeton NJ, Princeton University Press, 1963.

17.  R.I. Rotberg (ed.), Politics and Political Change : A Journal of Inter-Disciplinary History Reader, Massachusetts, MIT Press, 2001.

18.  H.J. Wiarda (ed.), New Developments in Comparative Politics, Boulder Colorado, Westview Press, 1986.

**GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR**
**POLITICAL SCIENCE**
**B.A. IIIrd Year 6thSemester**

**PAPER-A (THEORY)**                    **POLS 303 : Comparative Constitutions of UK & USA (Optional-I)**
**Maximum Marks :** 100                                              **External Marks :** 80
**Time :** 3 hours                                              **Internal Assessment :** 20
**Note:- 1.** The question paper will consist of *nine* questions. The candidate shall attempt *five* questions in all. The Question No. 1 will be *compulsory*. The Candidate shall attempt *four* more questions selecting at least *one* from each Unit. The paper will carry 100 marks out of which 20 marks will be earmarked for internal assessment.
2. The Compulsory Question No.1 will be short answer type questions containing *ten* questions of equal marks (i.e., 2 marks each) spread over the whole syllabus. Other questions will carry the 15 marks each.

### Unit-I
Evolution, Conventions, Legacies and Basic features of Constitutions of UK & USA; Socio-Economic basis of Constitutions of UK & USA.

### Unit-II
Comparative Study of Executive, Legislation and Judiciary System of UK & USA.

### Unit-III
Comparative studies of Structures, Functions and roles of political parties and pressure groups of UK & USA.

### Unit-IV
Electoral Processes, Voting Behaviour, Bureaucracy and Recent Trends of the working of the systems of UK & USA.

**Readings**
1. G. Almond et al., *Comparative Politics Today : A World View*, 7th edn., New York, London, Harper/Collins, 2000.
2. W. Bagehot, *The English Constitution*, London, Fontana, 1963.
3. A.H. Birch, *British System of Government*, 4th edn., London, George Alen and Unwin, 1980.
4. J. Blondel, *An Introduction to Comparative Government*, London, Weidenfeld and Nicolson, 1969.
5. J. Blondel, *Comparative Legislatures*, Englewood Cliffs NJ, Prentice Hall, 1973.
6. J. Bryce, *Modern Democracies*, Vol. 2, New York, Macmillan, 1921.
7. H. Finer, *Theory and Practice of Modern Government*, London, Methuen, 1969.
8. S.E. Finer, *Comparative Government*, Harmondsworth, Penguin, 1974.
9. E.S. Griffith, *The American System of Government*, 6th edn., London, Methuen, 1983.
10. D. Kavangh, *British Politics: Continuity and Change*, Oxford, Oxford University Press, 1985.
11. H.J. Laski, American Democracy : A Commentary and An Interpretation, London, Unwin, 1948.
12. A.Lijphart, *Electoral Systems and Party System*, New Haven CT, Yale University Press, 1994.
13. A.Lijphart,(ed.), *Parliamentary versus Presidential Government*, Oxford and New York, Oxford University Press, 1992.
14. A.Lijphart, *Democracies : Patterns of Majoritarian and Consensual Government in Twenty One Countries*, New Haven CT, and London, Yale University Press, 1992.
15. R. Maddex, *Constitutions of the World*, 2nd edn., Washington DC and London, CQ Press, 2000.
16. P Mair, *The West European Party System*, Oxford, Oxford University Press, 1990.
17. T. Munro, *The Governments of Europe*, New York, Macmillan, 1963.
18. D. Olson, *Legislative Institutions: A Comparative View*, Armonk NY, M.E. Sharpe, 1994.
19. M. Rhodes, P. Heywood and V. Wright, *Developments in West European Politics*, Basingstoke, Macmillan, 1997.
20. K. C. Wheare, *Federal Government*, 4th edn., Oxford and New York, Oxford University Press, 1963.
21. J. Wilson, *American Government*, 4th edn., Boston Massachusetts, Houghton Miffin, 1997.

**Guru Jambheshwar University of Science & Technology, Hisar**
**Scheme for Theory Based Subjects**
**Guidelines for Scheme of examination of UG Course**
**PUBLIC ADMINISTRATION (under semester system)**

The Scheme of Examination of undergraduate (UG) Courses under Faculty of Humanities & Social Sciences run by affiliated degree colleges will be under 80: 20 (external: internal) for theory based courses. Pass percentage will be ……..

For the UG courses under Faculty of Humanities & Social Sciences, the guidelines regarding scheme and paper setting will be followed as:

| |
|---|
| For the end semester examinations, nine questions are to be set by the examiner. The candidates shall attempt five questions in all. First question will be compulsory of 20 marks based on the entire syllabus. It will comprise of ten short answer type questions of two marks each. Students are required to attempt any four questions out of remaining eight questions (these eight questions may be (in) up to four units depending on the subject). All remaining questions shall carry equal marks. |
| **Scheme: 80:20 (external: internal)** |
| 1ˢᵗ question=20 marks (10 short answer type questions of two marks each) |
| Rest four questions: 15 marks each i.e. 4 x 15=60 |
| Total = (20+60) + 20 = 100marks |

| **Components of Internal Assessment (Breakdown of 20 marks)** |
|---|
| 2Assignments: 10 marks each |

**GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR**

**PUBLIC ADMINISTRATION**
**B.A. IIIrd Year 5th & 6th Semester**
**Scheme of Examination**

**5th Semester**

| Paper No. | Paper Code | Nomenclature of Paper | External Marks | Internal Marks | Total Marks | Time |
|---|---|---|---|---|---|---|
| Paper-A Theory | PUBA 301 | (Option – I) Indian Administrative System | 80 | 20 | 100 | 3Hrs |

**6th Semester**

| Paper No. | Paper Code | Nomenclature of Paper | External Marks | Internal Marks | Total Marks | Time |
|---|---|---|---|---|---|---|
| Paper-A Theory | PUBA 302 | (Option – I) Administrative Ethics in Governance | 80 | 20 | 100 | 3Hrs |

**GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR**

**PUBLIC ADMINISTRATION**

**B.A. IIIrd Year (5th Semester)**

**PAPER-A (THEORY)**

**PUBA 301 : Indian Administrative System (Option-I)**

**Maximum Marks** : 100
**External Marks** : 80
**Time:**3hours                                                          **Internal Assessment**: 20

**Note:-**

1.  The question paper will consist of *nine* questions. The candidate shall attempt *five* questions in all. The Question No. 1 will be *compulsory*. The Candidate shall attempt *four* more questions selecting at least *one* from each Unit. The paper will carry 100 marks out of which 20 marks will be earmarked for internal assessment.

2.  The **Compulsory Question No.1** will be short answer type questions containing *ten* questions of equal marks (i.e., 2 marks each) spread over the whole syllabus. Other questions will carry the 15 marks each.

**Unit – I Constitutional Framework**
- British Legacy and Historical Background
- Philosophy of the Constitution, the Preamble, and Salient Features of the Constitution
- Fundamental Rights; Directive Principles of State Policy and Fundamental Duties

**Unit – II Organs of Government**
- Political Executive at the Union Level: President, Prime Minister and Council of Ministers
- Union Legislature - Lok Sabha and Rajya Sabha: Composition and Functions
- Judiciary: Supreme Court; Judicial Review

**Unit – III Central Administration**
- Central Secretariat: Structure, Functions and Role
- Cabinet Secretariat: Significance, Functions and Role
- Prime Minister Office: Significance, Functions and Role

**Unit – VI State and District Administration**
- Governor; Chief Minister Council of Ministers and State Legislature
- State Secretariat and Directorate; Chief Secretary and Divisional Commissioner
- District Administration: District Collector

**Recommended Books and Readings**

a. Arora, Ramesh K. and Goyal, Rajni (2013) Indian Public Administration: Institutions and Issues (3rd edition). New Delhi: New Age International Publishers

b. Avasthi A. (1980) Central Administration. New Delhi: Tata McGraw Hill

c. Balfour, Lady Betty (2015) Lord Lytton's Indian Administration 1876-1880 The Untold History. New Delhi: Gyan Books

d. Basu, D.D. (2008) Introduction to the Constitution of India. (20th ed.). New Delhi: Wadhwa and Company.

e. Chakraborty, Bidyut (2016) Indian Administration. New Delhi: Sage

f. Chanda Ashok: 1967. Indian Administration. London: Allen & Unwin

g. Chaudhary Surjit, M Khosla and P Mehta. 2016. The Oxford Handbook of the Indian Constitution. New Delhi: OUP

h. G. Austin. 2010. The Indian Constitution: Cornerstone of a Nation. New Delhi: OUP

i. Ghuman, B S; Monga, Anil and Johal, Ramanjit Kaur (Eds.) (2012) Corruption and Quality of Governance: Experiences of Select Commonwealth Countries. Jaipur: Aalekh Publishers

**j.** Hasan Zoya, E. Sridharan and R. Sudarshan. (2013) India's Living Constitution: Ideas, Practices and Controversies. New Delhi: Permanent Black

k. J. Manor. (1994) 'The Prime Minister and the President', in B. Dua and J. Manor (eds.) Nehru to the Nineties: The Changing Office of the Prime Minister in India, Vancouver: University of British Columbia Press

l. J. Manor. (2005) 'The Presidency', in D. Kapur and P. Mehta P. (eds.) Public Institutions in India: Performance and Design. New Delhi: OUP

m. Jain, R. B. (1976) Contemporary Issues in Indian Administration. New Delhi: Vishal Publications

n. Kapur, Devesh; Mehta, Pratap Bhanu and Vaishnav, Milan (Eds.) (2017) Rethinking Public Institutions in India. Oxford University Press: New Delhi

o. L. Rudolph and S. Rudolph. (2008) 'Judicial Review Versus Parliamentary Sovereignty', in Explaining Indian Institutions: A Fifty Year Perspective, 1956-2006: Volume 2: The Realm of Institutions: State Formation and Institutional Change. New Delhi: OUP

p. Maheshwari, S.R., (2007) Indian Administration (English & Hindi). New Delhi: Orient Longman

q. Misra B.B., (1970) The Administrative History of India. London: Oxford University Press

r. R. Bhargava. (2008) 'Introduction: Outline of a Political Theory of the Indian Constitution', in R. Bhargava (ed.) Politics and Ethics of the Indian Constitution, New Delhi: OUP

s. Sharma, Ashok (2016) Administrative Institutions in India. RBSA Publishers: Jaipur

t. Singh, Hoshiar and M. Singh. (1989) Public Administration in India: Theory and Practice. New Delhi: Sterling

u. U. Baxi. (2010) 'The Judiciary as a Resource for Indian Democracy', Seminar, Issue 615, pp. 61-67.

v. V. Hewitt and S. Rai. (2010) 'Parliament', in P. Mehta and N. Jayal (eds.) The Oxford Companion to Politics in India, New Delhi: OUP

**Guru Jambheshwar University of Science & Technology, Hisar**

**PUBLIC ADMINISTRATION**

**B.A. IIIrd Year (6th Semester)**

**PAPER-A (THEORY)PUBA 301 : Administrative Ethics in Governance     (Option-I)**

Maximum Marks : 100
External Marks : 80
Time : 3 hours                                                                                    Internal Assessment: 20

**Note:-**

1.     The question paper will consist of *nine* questions. The candidate shall attempt *five* questions in all. The Question No. 1 will be *compulsory*. The Candidate shall attempt *four* more questions selecting at least *one* from each Unit. The paper will carry 100 marks out of which 20 marks will be earmarked for internal assessment.

2.     The **Compulsory Question No.1** will be short answer type questions containing *ten* questions of equal marks (i.e., 2 marks each) spread over the whole syllabus. Other questions will carry the 15 marks each.

**UNIT - I Introduction**
- Ethics – concept and significance;
- Key concepts – Right, Duty, Freedom, Equality, Fraternity, Karma, Purusharthas, and Dharma.
- Contribution of Kautilya: Character Building, Measures to tackle Corruption; Contribution of Mahatma Gandhi – Satyagraha and Truth.
- Contribution of Western Administrative Thinkers to Ethics with special reference to Socrates (Moral Theory) and Immanuel Kant (Deontological Theory)

**UNIT - II Applied Ethics**
- Issues of Inequality, Abortion, Foeticide, Suicide
- Environment Degradation,
- Capital Punishment; and Nature of Moral Dilemmas

**UNIT - III Ethics in Public Life**
- Civil Service Neutrality and Anonymity
- Significance of Ethical and Moral Values in Governance
- Code of Ethics and Code of Conduct for Civil Services in India

**UNIT - IV Probity in Governance**
- Corruption – Causes and Remedies
- Institutional Arrangements for fighting Corruption in India: CVC, CBI, Lokpal and Lokayukta

**Recommended Books and Readings**

a.   Arora, R K (2008) Ethics in Governance: Innovations Issues and Instrumentalities. Rawat: Jaipur
b.   Arora, Ramesh K (Ed.) (2014) Ethics, Integrity and Values in Public Service. New Age International: New Delhi
c.   Bhargava, R (2006) Politics and Ethics of the Indian Constitution. Oxford University Press: New Delhi
d.   Chakraborty, Bidyut (2016) Ethics in Governance in India. Routledge: New Delhi
e.   Chaturvedi, T N (Ed.) (1996) Ethics in Public Life. IIPA: New Delhi
f.   Gandhi, Mahatma (2009) Hind Swaraj. Rajpal & Sons: Delhi
g.   Godbole, M (2003) Public Accountability and Transparency: The Imperatives of Good Governance. Orient Longman: New Delhi
h.   Hooja, R (2008) Corruption, Ethics and Accountability: Essays by an Administrator. IIPA: New Delhi
i.   Mathur, B P (2014) Ethics for Governance: Reinventing Public Services. Routledge: New Delhi
j.   Rangarajan, L N (Ed.) (1987) The Arthashastra. Penguin Books: New Delhi
k.   Sawshilya, A (2012) Ethics and Governance. Pearson Education: New Delhi
l.   Second Administrative Reforms Commission (2007) Ethics in Governance. Government of India: New Delhi
m.   Sheeran, P J (2006) Ethics in Public Administration – A Philosophical Approach. Rawat: Jaipur.

# Guru Jambheshwar University of Science and Technology, Hisar

## Scheme for Theory Based Subjects

### Guidelines for Scheme of examination of Economics Course (under semester system)

The Scheme of Examination of undergraduate (UG) Courses under Faculty of Humanities & Social Sciences run by affiliated degree colleges will be under 80: 20 (external: internal) for theory based courses. Pass percentage will be ........

For the UG courses under Faculty of Humanities & Social Sciences, the guidelines regarding scheme and paper setting will be followed as:

| |
|---|
| For the end semester examinations, nine questions are to be set by the examiner. The candidates shall attempt five questions in all. First question will be compulsory of 20 marks based on the entire syllabus. It will comprise of ten short answer type questions of two marks each. Students are required to attempt any four questions out of remaining eight questions (these eight questions may be (in) up to four units depending on the subject). All remaining questions shall carry equal marks |
| Scheme: 80:20 (external: internal) |
| 1st question = 20 marks (10 short answer type questions of two marks each) |
| Rest four questions: 15 marks each i.e. 4 x 15=60 |
| Total = (20+60) + 20 = 100 marks |

| Components of Internal Assessment (Breakdown of 20 marks) | |
|---|---|
| (a) | Class Test: 5 marks |
| (b) | Assignment: 5 marks |
| (c) | Participation in Class Discussions: 3 marks |
| (d) | Term Paper/written test/2nd assignment: 5 marks |
| (e) | Attendance: 2 marks* |

*Weightage of 2 marks for Attendance component out of 20 marks for Internal Assessment shall be available only to those students who attend 75% and more of classroom lectures. The break-up of marks for attendance component for theory papers shall be as under:

(a) 75% and above up to 85%: 1 mark

(b) Above 85%: 2 marks

# Scheme of Economics Course in B.A. under semester system w. e. f. 2018-19 in phased manner

*The candidate who opts for Economics course in his/her B.A. pass course will have to follow the following scheme:*

| Scheme of Economics Course in B.A. under Semester System w. e. f. 2018-19 | | External Marks | Internal Marks | Total Marks | Time |
|---|---|---|---|---|---|
| 1st. YEAR W.E.F. (2018-19) | SEMESTER-I | Annual BA-108 | External Marks | Internal Marks | Total Marks |
| BECO-101 | Principles of Microeconomics-I | 80 | 20 | 100 | 3 Hrs. |
| | SEMESTER-II | | | | |
| BECO-201 | Principles of Microeconomics-II | 80 | 20 | 100 | 3 Hrs. |
| 2nd. YEAR W.E.F. (2019-20) | SEMESTER-III | | | | |
| BECO-301 | Principles of Macroeconomics-I | 80 | 20 | 100 | 3 Hrs. |
| | SEMESTER-IV | | | | |
| BECO-401 | Principles of Macroeconomics-II | 80 | 20 | 100 | 3 Hrs. |
| 3rd. YEAR W.E.F. (2020-21) | SEMESTER-V ( Candidate has to opt one paper from the options in Group-1) | | | | |
| Group-1 | BECO-501:Money and Banking | 80 | 20 | 100 | 3 Hrs. |
| | BECO-502: International Economics | 80 | 20 | 100 | 3 Hrs. |
| | BECO-503: Economics of Development | 80 | 20 | 100 | 3 Hrs. |
| | SEMESTER-VI ( Candidate has to opt one paper from the options in Group-2) | | | | |
| Group-2 | BECO-601: Economic Development and Policy in India | 80 | 20 | 100 | 3 Hrs. |
| | BECO-602 :Public Finance | 80 | 20 | 100 | 3 Hrs. |
| | BECO-603: Environmental Economics | 80 | 20 | 100 | 3 Hrs. |

B.A. Part - III (Economics)
Semester-V
BECO-501: Money and Banking

External Maximum Marks: 80
Internal Maximum Marks: 20
Time: 3Hrs

## Course Description

This course exposes students to the theory and functioning of the monetary and financial sectors of the economy. It highlights the organization, structure and role of financial markets and institutions. It also discusses interest rates, monetary management and instruments of monetary control. Financial and banking sector reforms and monetary policy with special reference to India are also covered.

## Instructions for the paper-setters and the candidates:

1. The question paper will consist of *nine* questions. The candidate shall attempt *five* questions in all. The Question No. 1 will be *compulsory*. The Candidate shall attempt *four* more questions selecting at least *one* from each Unit. The paper will carry 100 marks out of which 20 marks will be earmarked for internal assessment.

2. The Compulsory Question No.1 will be short answer type questions containing *ten* questions of equal marks (i.e., 2 marks each) spread over the whole syllabus. Other questions will carry the 15 marks each.

## Course Outline

**Unit-I**

Money: Concept, functions, measurement; theories of money supply determination. Financial Institutions, Markets, Instruments and Financial Innovations: Role of financial markets and institutions; problem of asymmetric information – adverse selection and moral hazard; financial crises.

**Unit-II**

Money and capital markets: organization, structure and reforms in India; Interest Rates: Determination; sources of interest rate differentials; theories of term structure of interest rates; interest rates in India.

**Unit-III**

Banking system: commercial banking- functions, major developments and reforms in Indian banking system since 1991. Non-banking financial institutions (NBFIs) – role and structure NBFIs in India.

**Unit-IV**

Central banking and monetary policy: role and functions; goals, targets, indicators and instruments of monetary control; current monetary policy of India.

## Suggested Readings:

F. S. Mishkin and S. G. Eakins, *Financial Markets and Institutions*, Pearson Education, 6th Edition, 2009.

F. J. Fabozzi, F. Modigliani, F. J. Jones, M. G. Ferri, *Foundations of Financial Markets and Institutions*, Pearson Education, 3rd edition, 2009.

L. M. Bhole and J. Mahukud, *Financial Institutions and Markets*, Tata McGraw Hill, 5th edition, 2011.

M. Y. Khan, *Indian Financial System*, Tata McGraw Hill, 7th edition, 2011.

Various latest issues of R.B.I. Bulletins, Annual Reports, Reports on Currency and Finance and Reports of the Working Group, IMF Staff Papers

# B.A. Part - III (Economics)

## Semester-VI
### BECO-601: Economic Development and Policy in India

External Maximum Marks: 80
Internal Maximum Marks: 20
Time: 3Hrs

### Course Description

Using appropriate analytical frameworks, this course reviews major trends in economic indicators and policy debates in India in the post-Independence period, with particular emphasis on paradigm shifts and turning points.

### Instructions for the paper-setters and the candidates:

1. The question paper will consist of *nine* questions. The candidate shall attempt *five* questions in all. The Question No. 1 will be *compulsory*. The Candidate shall attempt *four* more questions selecting at least *one* from each Unit. The paper will carry 100 marks out of which 20 marks will be earmarked for internal assessment.

2. The Compulsory Question No.1 will be short answer type questions containing *ten* questions of equal marks (i.e., 2 marks each) spread over the whole syllabus. Other questions will carry the 15 marks each.

### Course Outline

#### Unit -I

Economic development since independence: major features of Indian economy at independence and characteristics of economic underdevelopment of India (with reference to colonial-rule of India); trend in national income and per capita income; sectoral composition (output and employment) - primary, secondary and tertiary. Development under different policy regimes—goals, constraints, institutions and policy framework;

#### Unit -II

Population and human development: broad demographic features — population size and growth rates, sex and age composition, occupational distribution. Density of population, urbanization and economic growth in India. Population growth as a factor of economic development, national population policy, progress of human development in India. Development of education in India, health and family welfare and the development of health infrastructure.

#### Unit -III

Structural change of post independent Indian economy ;growth, distribution and trends of national income, sectoral distribution. An assessment of performance—sustainability and regional contrasts; structural change, savings and investment. Trends, measurement and policies in poverty; inequality-measurement, causes and effects, unemployment-types, causes and employment policies in India.

#### Unit -IV

Indian economy in post reform period: background of Indian economic reforms – new economic policy; redefining India's development strategy; changing role of state and market industrial policy, disinvestment policy and privatization; financial sector reforms including banking reform.

### Suggested Readings:

Jean Dreze and Amartya Sen, Jean Dreze and Amartya Sen, 2013. *An Uncertain Glory: India and its Contradictions*, Princeton University Press.

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# CENTRE FOR DISTANCE AND ONLINE EDUCATION
## GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY HISAR
### (Established by State Legislature Act 17 of 1995)
#### 'A⁺' Grade, NAAC Accredited

## Notification

The Vice-Chancellor is pleased to approve the Scheme of CDOE at par with regular mode for BA-IIIrd year (5th and 6th. sem.) of Mathematics subject attached at 'Annexure-1' for ODL programme w.e.f. 2022-23 under section 11(5) of the Guru Jambheshwar University of Science & Technology, Hisar Act, 1995 in anticipation of approval of the Academic Council.
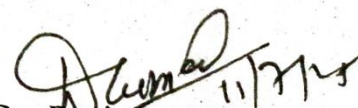
Director (CDOE)

Endst. No. DE-03/2025/391-400                          Dated: 11/07/2025

A copy of the above is forwarded to the following for their information & necessary action: -

1. COE, GJUS&T, Hisar.
2. Assistant Registrar (Academic), GJUS&T, Hisar.
3. Dr. Shakuntla Devi, Assistant Professor, CDOE, GJUS&T, Hisar.
4. Sh. Mohit Kumar, Assistant Professor, CDOE, GJUS&T, Hisar.
5. Supdt.- I, II & III (Internal), CDOE, GJUS&T, Hisar.
6. OSD to Vice-Chancellor (for kind information to the Vice-Chancellor), GJUS&T, Hisar.
7. Supdt. O/o Registrar (for kind information of the Registrar), GJUS&T, Hisar.
8. Office of Director, CDOE (for kind information of the Director, CDOE), GJUS&T, Hisar.

Dy. Registrar (CDOE)

# DEPARTMENT OF MATHEMATICS
## G.J. UNIVERSITY OF SCI. & TECH., HISAR

Scheme of Mathematics Papers for B.A. for Affiliated Colleges of GJUST, Hisar

(w.e.f. 2022-2023)

1st Semester

| Paper Code | Nomenclature | Hours per week | External Marks | Internal Marks | Total Marks |
|---|---|---|---|---|---|
| BAMH-101 | Algebra | 3 | 25 | 10 | 35 |
| BAMH-102 | Calculus | 3 | 25 | 10 | 35 |
| BAMH (P)-103 | Practical-I Mathematics Lab-I | 3 | 30 | - | 30 |
| | Total | 9 | 80 | 20 | 100 |

2nd Semester

| Paper Code | Nomenclature | Hours per week | External Marks | Internal Marks | Total Marks |
|---|---|---|---|---|---|
| BAMH-104 | Ordinary Differential Equations and Laplace Transform | 3 | 25 | 10 | 35 |
| BAMH-105 | Vector Calculus and Geometry | 3 | 25 | 10 | 35 |
| BAMH (P)-106 | Practical-II Mathematics Lab-II | 3 | 30 | - | 30 |
| | Total | 9 | 80 | 20 | 100 |

10/07/2025

## 3rd Semester

| Paper Code | Nomenclature | Hours per week | External Marks | Internal Marks | Total Marks |
|---|---|---|---|---|---|
| BAMH-201 | Advanced Calculus | 3 | 25 | 10 | 35 |
| BAMH-202 | Numerical Analysis | 3 | 25 | 10 | 35 |
| BAMH (P)-203 | Practical-III Mathematics Lab-III | 3 | 30 | - | 30 |
| | Total | 9 | 80 | 20 | 100 |

## 4th Semester

| Paper Code | Nomenclature | Hours per week | External Marks | Internal Marks | Total Marks |
|---|---|---|---|---|---|
| BAMH-204 | Partial Differential Equations & Special Functions | 3 | 25 | 10 | 35 |
| BAMH-205 | Mechanics-I | 3 | 25 | 10 | 35 |
| BAMH (P)-206 | Practical-IV Mathematics Lab-IV | 3 | 30 | - | 30 |
| | Total | 9 | 80 | 20 | 100 |

10/07/2025

## 5th Semester

| Paper Code | Nomenclature | Hours per week | External Marks | Internal Marks | Total Marks |
|---|---|---|---|---|---|
| BAMII-301(i) OR BAMII-301(ii) | Groups and Rings OR Sampling Techniques | 3 | 28 | 07 | 35 |
| BAMII-302(i) OR BAMII-302(ii) | Sequence & Series OR Sample Survey and Design of Experiments | 3 | 28 | 07 | 35 |
| BAMII-303(i) OR BAMII-303(ii) | Number Theory & Trigonometry OR Integer programming & Theory of Games | 3 | 24 | 06 | 30 |
| | Total | 9 | 80 | 20 | 100 |

## 6th Semester

| Paper Code | Nomenclature | Hours per week | External Marks | Internal Marks | Total Marks |
|---|---|---|---|---|---|
| BAMII-304(i) OR BAMII-304(ii) | Linear Algebra OR Bio-Mathematics | 3 | 28 | 07 | 35 |
| BAMII-305(i) OR BAMII-305(ii) | Mechanics-II OR Queuing and Reliability Theory | 3 | 28 | 07 | 35 |
| BAMII-306(i) OR BAMII-306(ii) | Real & Complex Analysis OR Optimization Techniques | 3 | 24 | 06 | 30 |
| BAMII-307(i) OR BAMII-307(ii) | Solid Geometry OR Financial Mathematics | 2 | 16 | 04 | 20 |
| | Total | 11 | 96 | 24 | 120 |

## BAMIII-301 (I): Groups and Rings

Marks (Theory): 28

Marks (Internal Assessment) : 07

62808

Marks (Total) : 35
Time    : 3 Hrs

Note: Attempt five questions in all. The question paper will consist of **four** sections. Question No. 1 will contain eight short answer type questions (01 mark each) without any internal choice covering the entire syllabus and shall be **compulsory**. Each of the four sections    (I-IV) will contain two questions and the students are required to attempt one question from each section.

### Section – I

Definition of a group. Examples of abelian and nonabelian groups. The group $Z_n$ of integers under addition module n and the group of $U(n)$ of units under multiplication modulo $n$. Generator of a group. Cyclic groups. Permutations groups. Cayley's theorem, Subgroups and Subgroup criteria. Cosets, Left and right cosets, properties of cosets.

### Section – II

Index of a sub-group. Coset decomposition, Lagrange's theorem on groups and its consequences, Normal subgroups, Quotient groups, Homomorphisms, isomorphisms, automorphisms on group. Center of a group.
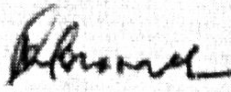
### Section – III

Introduction to Rings, Subrings, Integral domains and Fields, Characteristics of a ring. Ring homomorphisms, Theorems on Ring homomorphisms. Ideals (Principle, Prime and Maximal) and Quotient rings.

### Section – IV

Euclidean rings, Polynomial rings, Polynomials over the rational field. The Eisenstein's criterion of irreducibility of polynomials over the field of rational numbers. Polynomial rings over commutative rings. Principal ideal domain.

### Books Recommended:

1. I.N. Herstein, Topics in Algebra, Wiley Eastern Ltd., New Delhi, 1975
2. P.B. Bhattacharya, S.K. Jain and S.R. Nagpal, Basic Abstract Algebra (2nd edition).
3. Vivek Sahai and Vikas Bist, Algebra, Narosa Publishing House.
4. I.S. Luther and I.B.S. Passi, Algebra, Vol.-II, Narosa Publishing House.

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## BAMH-302 (I): Sequence and Series

Marks (Theory): 28

Marks (Internal Assessment) : 07

62810

Marks (Total) : 35

Time : 3 Hrs

**Note:** Attempt five questions in all. The question paper will consist of **four** sections. **Question No. 1** will contain **eight** short answer type questions (01 mark each) without any internal choice covering the entire syllabus and shall be **compulsory**. Each of the four sections (I-IV) will contain two questions and the students are required to attempt **one** question from each section.

### SECTION-I

Boundedness of the set of real numbers; least upper bound, greatest lower bound of a set, neighborhoods, interior points, isolated points, limit points, open sets, closed set, interior of a set, closure of a set in real numbers and their properties.

Sequence: Real sequences and their convergence, theorem on limits of sequence, bounded and monotonic sequences, Cauchy's sequence, Cauchy general principle of convergence.

### SECTION-II

Infinite series: Convergence and divergence of Infinite Series, Comparison Tests of positive terms Infinite series, Cauchy's general principle of Convergence of series, Convergence and divergence of geometric series, Hyper Harmonic series or p-series. D-Alembert's ratio test, Raabe's test, Logarithmic test, Cauchy's nth root test, Gauss Test.

### SECTION-III

Fourier's series: Fourier expansion of piecewise monotonic functions, Properties of Fourier Co-efficients, Dirichlet's conditions, Parseval's identity for Fourier series, Fourier series for even and odd functions, Half range series, Change of Intervals.

### SECTION-IV

Riemann integral: Definition and examples. Darboux's Theorem and condition of existence of Riemann's integral. Integrability of continuous, monotonic functions and discontinuous functions. Properties of integrable functions. Continuity and differentiability of integrable functions. Primitive. The Fundamental theorem of integral calculus. Mean value theorems of integral calculus.

### Books Recommended

1. T.M.Apostol, Mathematical Analysis, Narosa Publishing House, New Delhi, 1985.
2. R.R. Goldberg, Methods of Real Analysis, John Wiley and Sons, Inc., New York, 1926.
3. SC Malik and Savita Arora, Mathematical New Age International (P) Limited Published, New Delhi, 2012 (Fourth Edition).
4. D. Somasundaram and B. Choudhary: A First Course in Mathematical Analysis, Narosa Publishing House, New Delhi, 1997.
5. R.G. Bartle and D.R. Sherbert: Introduction to Real Analysis, Wiley, 2011.
6. Shanti Narayan, A Course of Mathematical Analysis, S. Chand & Co.

## BAMH-303 (I): Number Theory & Trigonometry

Marks (Theory): 24

Marks (Internal Assessment) : 06

62892

Marks (Total) : 30

Time : 3 Hrs

**Note:** Attempt five questions in all. The question paper will consist of **four** sections. Question No. 1 will contain **eight** short answer type questions (0.5 mark each) without any internal choice covering the entire syllabus and shall be **compulsory**. Each of the four sections (I-IV) will contain two questions and the students are required to attempt **one** question from each section.

### Section-I

Linear Diophantine equation, prime counting function, statement of prime number theorem, linear congruences, complete set of residues, Chinese remainder theorem, Fermat's little theorem, Wilson's theorem.

### Section-II

Number theoretic functions, sum and number of divisors, totally multiplicative functions, the Möbius inversion formula, the greatest integer function, Euler's phi-function, Euler's theorem, some properties of Euler's phi-function.

### Section-III

Order of an integer modulo n, primitive roots for primes, composite numbers having primitive roots, Euler's criterion, quadratic reciprocity, quadratic congruences with composite moduli.

### Section-IV

Exponential, Logarithmic, Circular functions; $\sin(nx)$, $\cos(nx)$, $\tan(nx)$, $\sin^n x$, $\cos^n x$, $\tan^n x$, hyperbolic and inverse hyperbolic functions - simple problems. Trigonometric expansions of sine and cosine as infinite products (without proof).

**Books Recommended:**

1. David M. Burton, Elementary Number Theory (6th Edition), Tata McGraw-Hill Edition, Indian reprint, 2007.
2. Neville Robinns, Beginning Number Theory (2nd Edition), Narosa Publishing House Pvt. Limited, Delhi, 2007.
3. Trigonometry : P. Duraipandian
4. Plane Trigonometry part 2 : S. L. Loney, (Macmillan and Co. London)

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# BAMH-304 (i): Linear Algebra

Marks (Theory): 28                    Marks (Total) : 35
Marks (Internal Assessment) : 07          Time    : 3 Hrs

**Note:** Attempt five questions in all. The question paper will consist of **four** sections. **Question No. 1** will contain **eight** short answer type questions (01 mark each) without any internal choice covering the entire syllabus and shall be **compulsory.** Each of the four sections    (I-IV) will contain two questions and the students are required to attempt **one** question from each section.

## Section – I

Vector spaces, subspaces, Sum and Direct sum of subspaces, Linear span, Linearly Independent and dependent subsets of a vector space. Finitely generated vector space, Existence theorem for basis of a finitely generated vector space, Finite dimensional vector spaces, Invariance of the number of elements of bases sets, Dimensions, Quotient space and its dimension.

## Section – II

Homomorphism and isomorphism of vector spaces, Linear transformations and linear forms on vector spaces, Vector space of all the linear transformations, Null Space, Range space of a linear transformation, Rank and Nullity Theorem,

## Section – III

Algebra of Linear Transformation, Minimal Polynomial of a linear transformation, Singular and non-singular linear transformations, Matrix of a linear Transformation, Change of basis, Eigen values and Eigen vectors of linear transformations.

## Section – IV

Inner product spaces, Cauchy-Schwarz inequality, Orthogonal vectors, Orthogonal complements, Orthogonal sets and Basis, Bessel's inequality for finite dimensional vector spaces, Gram-Schmidt orthogonalization process.

## Books Recommended:

1. I.N. Herstein,: Topics in Algebra, Wiley Eastern Ltd., New Delhi, 1975
2. P.B. Bhattacharya, S.K. Jain and S.R. Nagpal, Basic Abstract Algebra (2nd edition).

3. Vivek Sahai and Vikas Bist, Algebra, Narosa Publishing House.

4. I.S. Luther and I.B.S. Passi, Algebra, Vol.-II, Narosa Publishing House.

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**BAMH-305 (i)    Mechanics-II**

Marks (Theory): 28                                   Marks (Total) : 35
Marks (Internal Assessment) : 07              Time    : 3 Hrs

**Note:** Attempt five questions in all. The question paper will consist of **four** sections. **Question No. 1** will contain **eight** short answer type questions (01 mark each) without any internal choice covering the entire syllabus and shall be **compulsory.** Each of the four sections    (I-IV) will contain two questions and the students are required to attempt **one** question from each section.

### Section - I
Analytical conditions of equilibrium of co-planar forces: Equilibrium of three forces, conditions of equilibrium, trigonometric theorem's, conditions of equilibrium of co-planar forces (First, Second and Third form); Friction: Definition of friction and basic laws, problems based on equilibrium of rods; Centre of gravity: Basic concepts and definitions, centre of gravity of a uniform rod.

### Section - II
Motion of a particle attached to an elastic string, Hooke's law, motion of horizontal and vertical elastic strings, Definition of work, Power and Energy, work done by a variable force, work done in stretching an elastic string, principle of work and energy, conservative system of forces; principle of conservation of energy, impulse of a constant force and a variable force.

### Section - III
Motion of a particle on smooth curves, motion on the outside and inside of a smooth vertical circle, cycloidal motion.

### Section - IV
Projectile motion of a particle in a plane, velocity at any point of the trajectory, directions of projection for a particle, range and time of flight on an inclined plane, directions of projection for a given velocity and a given range; range and time of fight down an inclined plane.

**Books Recommended:**

1. S.L. Loney: Statics, Macmillan Company, London.
2. R.S. Verma: A Text Book on Statics, Pothishala Pvt. Ltd., Allahabad
3. S.L. Loney, An Elementary Treatise on the Dynamics of a Particle and a Rigid Bodies, Cambridge University Press, 1956.
4. F. Chorlton, Dynamics, CBS Publishers, New Delhi.
5. A.S. Ramsey, Dynamics Part-1&2, CBS Publisher & Distributors.

## BAMH-306 (i): Real and Complex Analysis

Marks (Theory): 24

Marks (Internal Assessment) : 06

Marks (Total) : 30

Time : 3 Hrs

**Note:** Attempt five questions in all. The question paper will consist of **four** sections. **Question No. 1** will contain **eight** short answer type questions (0.5 mark each) without any internal choice covering the entire syllabus and shall be **compulsory**. Each of the four sections (I-IV) will contain two questions and the students are required to attempt **one** question from each section.

### SECTION-I

Definition and examples of metric spaces, neighborhoods, limit points, interior points, open and closed sets, closure and interior, boundary points, subspace of a metric space, equivalent metrics, Cauchy sequences, completeness, Cantor's intersection theorem.

### SECTION-II

Baire's category theorem, Contraction Principle, continuous functions, uniform continuity, compactness for metric spaces, sequential compactness, Bolzano-Weierstrass Property, total boundedness, finite intersection property.

### SECTION-III

Improper integrals and their convergence, comparison tests, Abel's and Dirichlet's tests, Frullani's integral, Integral as a function of a parameter.

### SECTION-IV

Topology of complex numbers: Trigonometric, exponential, logarithmic and hyperbolic trigonometric functions. Extended complex plane. Continuity and differentiability of complex functions. Analytic functions, Cauchy-Riemann equations. Construction of analytic functions: direct method and Milne-Thomson method.

### Books Recommended

1. T.M.Apostol, Mathematical Analysis, Narosa Publishing House, New Delhi, 1985.
2. R.R. Goldberg, Methods of Real Analysis, John Wiley and Sons, Inc., New York, 1976.
3. D. Somasundaram and B. Choudhar: A First Course in Mathematical Analysis, Narosa Publishing House, New Delhi, 1997.
4. M.D. Raisinghania, Elements of Real Analysis, S.Chand Publication, 2003.
5. R.G. Bartle and D.R. Shernert: Introduction to Real Analysis, Wiley, 2011.
6. H.A. Priestly, Introduction to Complex Analysis, Clarendon Press, Oxford, 1990.
7. L.V. Ahlfors, Complex Analysis, McGraw-Hill, 1979.

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# BAMH-307 (i): Solid Geometry

**Marks (Theory): 16**
**Marks (Internal Assessment) : 04**

**Marks (Total) : 20**
**Time    : 2 Hrs**

<u>**Note:**</u>  Attempt three questions in all. The question paper will consist of two sections. **Question No. 1** will contain **six** short answer type questions (01 mark each) without any internal choice covering the entire syllabus and shall be **compulsory.** Each of the two sections    (I-II) will contain two questions and the students are required to attempt **one** question from each section.

## Section-I

Central Conicoids: Equation of tangent plane. Director sphere. Normal to the conicoids. Polar plane of a point. Enveloping cone of a coincoid. Enveloping cylinder of a coincoid.

## Section-II

Paraboloids: Circular section, Plane sections of conicoids. Generating lines. Confocal conicoid. Reduction of second degree equations.

## Books Recommended:

1. R.J.T. Bill, Elementary Treatise on Coordinary Geometry of Three Dimensions, MacMillan India Ltd. 1994.
2. P.K. Jain and Khalil Ahmad: A Textbook of Analytical Geometry of Three Dimensions, Wiley Eastern Ltd. 1999.

16/07/2015

**Scheme for Theory Based Subjects**
**Guidelines for Scheme of examination of UG Course SOCIOLOGY**
**(under semester system)**

The Scheme of Examination of undergraduate (UG) Courses under Faculty of Humanities & Social Sciences run by affiliated degree colleges will be under 80: 20 (external: internal) for theory based courses. Pass percentage will be ……..
For the UG courses under Faculty of Humanities & Social Sciences, the guidelines regarding scheme and paper setting will be followed as:

| |
|---|
| For the end semester examinations, nine questions are to be set by the examiner. The candidates shall attempt five questions in all. First question will be compulsory of 20 marks based on the entire syllabus. It will comprise of ten short answer type questions of two marks each. Students are required to attempt any four questions out of remaining eight questions (these eight questions may be (in) up to four units depending on the subject). All remaining questions shall carry equal marks. |
| **Scheme: 80:20 (external: internal)** |
| 1st question=20 marks (10 short answer type questions of two marks each) |
| Rest four questions: 15 marks each i.e. 4 x 15=60 |
| Total = (20+60) + 20 = 100marks |

| Components of Internal Assessment (Breakdown of 20 marks) | |
|---|---|
| | Assignment: 10 marks each |

**GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR**

**SOCIOLOGY**
**B.A. IIIrd Year 5th & 6th Semester**

**Scheme of Examination**

**5th Semester**

| Paper No. | Paper Code | Nomenclature of Paper | External Marks | Internal Marks | Total Marks | Time |
|---|---|---|---|---|---|---|
| Paper-A Theory | SOCL 301 | **Foundations of Social Thought** | 80 | 20 | 100 | 3Hrs |

**6th Semester**

| Paper No. | Paper Code | Nomenclature of Paper | External Marks | Internal Marks | Total Marks | Time |
|---|---|---|---|---|---|---|
| Paper-A Theory | SOCL 302 | Option- II( Environment and Society) | 80 | 20 | 100 | 3Hrs |

**SOCIOLOGY**

**B.A. IIIrd Year 5thSemester**

**PAPER-A (THEORY)**          **SOCL 301 : Foundations of Social Thought**

**Maximum Marks :** 100                                      **External Marks :** 80
**Time :** 3 hours                                                **Internal Assessment :** 20

**Note:-**

1. The question paper will consist of *nine* questions. The candidate shall attempt *five* questions in all. The Question No. 1 will be *compulsory*. The Candidate shall attempt *four* more questions selecting at least *one* from each Unit. The paper will carry 100 marks out of which 20 marks will be earmarked for internal assessment.
2. The **Compulsory Question No.1** will be short answer type questions containing *ten* questions of equal marks (i.e., 2 marks each) spread over the whole syllabus. Other questions will carry the 15 marks each.
3. Examiner is directed to give at least one Numerical in Unit-IV.

**CONTENTS**

UNIT – I

   **Positivism:** Comte's Law of three stages, Social Static & Dynamics, Evolutionism- Spencer's Evolutionary Approach

UNIT – II

   **Functionalism:**          Durkheims' Concept of Social Fact, Division of labour in Society; Radcliffe Brown's Structural-
                                           Functional Approach

UNIT – III

   **Conflict:**          Marx's concept of Dialectical Historical Materialism, Class & Class Conflict; Coser's Approach
                              to Social Conflict

UNIT – IV

  **Interactionalism:**          Weber's          Interpretative          Sociology;          Ideal Types and Types of Social Action;
                                           G.H.Mead's Concept of Mind, Self & Society

**Readings:**

Atal, Yogesh (2003**): Sociology: From where to where**, Jaipur: Rawat Publication. Barnes, H.E. (1959):

**Introduction to the history of Sociology**, Chicago Uni. Press.

Bose, N.K.: **Structure of Hindu Society**, New Delhi.

Coser, Lewis, A. (1979): **Master of Sociological Thought**, Harcourt Brake, Jovanovich.

Dube, S.C.(1990): **Society in India**, New Delhi: National Book Trust.

Dumont, Luis (1970): **Homohierarchichus: The caste System and its Implications**, New Delhi: Vikas Publication.

Fletcher, Ronald (1994): **The Making of Sociology (Two Volumes),** Jaipur: Rawat Publication

Ghurye, G.S.(1969): **Caste and Races in India,** Bombay: Popular Prakashan.

Johnson, H.M.( 1995) : **Sociology: A Systematic Introduction**, New Delhi: Allied Publishers.

Prabhu, P.H. ( 1963): **Hindu Social Organistion**, Bombay: Popular Parkashan.

Singh, Yogendra (1986): **Indian Sociology: Social conditioning and emerging trends,**

New Delhi: Vistaar Publication

**GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR**
**SOCIOLOGY**

**B.A. IIIrd Year 6th Semester**

**PAPER-A (THEORY)    SOCL 302 : Environment and Society (Optional-II)**

Maximum Marks : 100                                                    External Marks : 80
**Time :** 3 hours                                                       Internal Assessment : 20

**Note:**

1. The question paper will consist of *nine* questions. The candidate shall attempt *five* questions in all. The Question No. 1 will be *compulsory*. The Candidate shall attempt *four* more questions selecting at least *one* from each Unit. The paper will carry 100 marks out of which 20 marks will be earmarked for internal assessment.

2. The **Compulsory Question No.1** will be short answer type questions containing *ten* questions of equal marks (i.e., 2 marks each) spread over the whole syllabus. Other questions will carry the 15 marks each.

UNIT – I

**Environment and its Concepts:** Ecology, Eco-system, Environment and Society – their inter-relations; Eco-Feminism

UNIT – II

**Environmental Issues:** Sustainable Development, Industrialization and Development, Urbanization and Development, Environmental Degradation

UNIT – III

**Environment and Development:** Global Efforts for Resource Conservation, Environmental Movements: Chipko Movement, Narmada Bachao Andolan, Ganga Bachao Abhyan; Forest Rights.

UNIT – IV

**Contemporary Environmental Problems:** Problems of Water, Deforestation, Urban Wastes, Slums, Global-Warming and Climate Change.

**Readings:**

Albrow, Martin & Elizabeth King (Ed.), (1990), Globalisation, Knowledge and Society, Sage: London

Baviskar. Amita (1995), In the Valley of the River: Tribal Conflict over Development in the Narmada Valley, Delhi: OUP.

Bhatt, Anil (1989) Development and Social Justice: Micro Action by Weaker Section, Sage: New Delhi.

Chauhan, I.S (1998), Environmental Degradation, Delhi: Rawat Publications.

Desh Bandhu and Garg, R.K.(eds) 91986), Social Forestry and Tribal Development, Dehradun: Natraj Publishers.

Dubey, S.M. and Murdia, Ratno(ed)91980), Land Alienation and Restoration in Tribal Communities in India, Bombay: Himalaya Publishing House.

Gadgil, Madhav & Ram Chandra. Guha (1996), Ecology and Equity: The use and Abuse of Nature in contemporary India:: New Delhi: OUP.

Ghai, Dharam (ed) (1994), Development and Environment: Sustaining People and Nature. UNRISD: Blackwell Publication.

Giddens, Anthony (1996), "Global Problems and Ecological Crisis", 2nd edition New York:W.W.Norton and Co.

Huha, Ramechandra (1995), The Unquiet Woods: Ecological Change and Peasant Resistance in the Himalaya, OUP: Delhi.

Mehta S.R. (ed)(1997), Poverty, Population and Sustainable Development, New Delhi: Rawat Publications.

Plumwood, Val (1992), Gender and Ecology: Feminism and Making of Nature, London: Routledge.

# Guru Jambheshwar University of Science & Technology, Hisar

**Scheme for Theory Based Subjects**

**Guidelines for Scheme of examination of UG Course HISTORY (under semester system)**

The Scheme of Examination of undergraduate (UG) Courses under Faculty of Humanities & Social Sciences run by affiliated degree colleges will be under 80: 20 (external: internal) for theory based courses. Pass percentage will be ……..

For the UG courses under Faculty of Humanities & Social Sciences, the guidelines regarding scheme and paper setting will be followed as:

| |
|---|
| For the end semester examinations, nine questions are to be set by the examiner. The candidates shall attempt five questions in all. First question will be compulsory of 20 marks based on the entire syllabus. It will comprise of ten short answer type questions of two marks each. Students are required to attempt any four questions out of remaining eight questions (these eight questions may be (in) up to four units depending on the subject). All remaining questions shall carry equal marks. |
| **Scheme: 80:20 (external: internal)** |
| 1$^{st}$ question=20 marks (10 short answer type questions of two marks each) |
| Rest four questions: 15 marks each i.e. 4 x 15=60 |
| Total = (20+60) + 20 = 100marks |

| Components of Internal Assessment (Breakdown of 20 marks) | |
|---|---|
| | 2Assignments: 10 marks each |

# Guru Jambheshwar University of Science & Technology, Hisar

## HISTORY

### B.A. IIIrd Year 5th & 6th Semester

### Scheme

(w.e.f. the academic session 2020-21)

**5th Semester**

| Paper No. | Paper Code | Nomenclature of Paper | Periods per Week | External Marks | Internal Marks | Practical | Total Marks | Time |
|---|---|---|---|---|---|---|---|---|
| Paper-A Theory | HIST 302 | Option-II **Rise of Modern World** | 6+2* | 80 | 20 | --- | 100 | 3Hrs |
| * map period | | | | | | | | |

**6th Semester**

| Paper No. | Paper Code | Nomenclature of Paper | Periods per Week | External Marks | Internal Marks | Practical | Total Marks | Time |
|---|---|---|---|---|---|---|---|---|
| Paper-A Theory | HIST 304 | Option-II **Modern World** | 6+2* | 80 | 20 | --- | 100 | 3Hrs |
| * map period | | | | | | | | |

# Guru Jambheshwar University of Science & Technology, Hisar

## History

## B.A. IIIrd Year 5thSemester

**PAPER-A (THEORY)**         **HIST 302 : Rise of Modern World (Option-II)**

(w.e.f. the academic session 2020-21)

**Maximum Marks :**100
**External Marks :**80
**Internal Assessment :**20
**Time :**3 hours

**Note :-**

1. The question paper will consist of **nine** questions. The candidate shall attempt **five** questions in all. The Question No. 1 will be **compulsory**. The Candidate shall attempt four more questions selecting at least one from each Unit. The paper willcarry 100 marks out of which 20 marks will be earmarked for internal assessment.
2. The **Compulsory Question No.1** will be short answer type questions containing **ten** questions of equal marks (i.e., 2 marks each) spread over the whole syllabus. Other questions will carry the 15 marks each.
3. The Map Question will be carrying 15 marks (10 for map work and 5 forexplanatory note). For visually disabled candidates, the part relating to theexplanatory note will carry full marks.

### Unit – I

Transition from Feudalism to Capitalism in Europe
Renaissance: Origins, Emergence and Results
Reformation: Origins, Emergence and Results

### Unit – II
Shift of Economic Balance from the Mediterranean to Atlantic Region
Early Colonial System: Motives, Process and Consequences of Colonization of Americas
Mercantile Revolution: Origins and Results

### Unit- III
Scientific Revolution: Origins and Impact
Glorious Revolution: Origins and Results
Industrial Revolution: Origins, Progress and Impact
Agricultural Revolution: Origins, Progress and Impact

### Unit – IV
**Maps (Europe):**
Important Centers of Renaissance
Important Centers of Reformation
Important Mercantile Centers
Major Places Connected with Industrial Revolution
Capitalist Powers of Europe

**Suggested Readings:**

| | |
|---|---|
| Anderson, Pery | *Lineages of the Absolutist State* |
| Barr chough, G. | *An Introduction to Contemporary History (Penguin, 1968)* |
| Chauhan, D. S. | *Europe Ka Itihas (Hindi)* |
| Chauhan, D. S. | *Samkalin Europe (Hindi)* |
| Cipolla, Carlo M | *Before the Industrial Revolution: European Society and Economy1000-1700* |
| Cipolla, Carlo M. | *Forntana Economic History of Europe, Vols II and III* |
| Coleman, D. C. (ed.) | *Revisions in Mercantilism* |
| Davis, H. A. (ed.). | *Outline History of the World* |
| Davis, Ralph | *The Rise of the Atlantic Economics* |
| Dobb, Maurice | *Studies in the Developments of Capitalism* |
| Fisher, H.A.L. | *A History of Europe* |
| Gupta, Parthasarthi (ed.) | *Adhunik Paschim Ka Uday (Hindi)* |
| Gupta, Parthasarthi (ed.) | *Europe Ka Itihas (Hindi)* |
| Hall, J.R. | *From Galileo to Newton* |
| Henderson, O. P. | *The Industrial Revolution on the Continent* |
| Hill, Christopher | *From Reformation to Industrial Revolution* |
| Hilton, Rodney | *Transition From Feudalism to Capitalism* |
| Hobsbawm, E.J. | *The Age of Revolution* |
| Hobsbawn, E.J. | *Nation and Nationalism* |
| Keenigsberger, H.G. and G. L. Mosse | *Europe in the Sixteenth Century* |
| Morgan, K.O. | *Oxford Illustrated History of Britain 1789-1983* |
| Parker, G. | *Europe in Crisis 1598-1648* |
| Parker, G. and L. M. Smith | *General Crises of the Seventeenth Century* |
| Parry, J.P. | *The Age of Renaissance* |
| Porter, Andrew | *European Imperialism, 1860-1914* |
| Rabb, Theodore K. | *The Struggle for Stability in Early Modern Europe* |
| Roberts, J.M. | *Europe 1880-1945* |
| Stavrianes, L. S. | *The World Since 1500* |
| Stephen, J. Lee. | *Aspects of European History 1494-1789* |
| Wood, Anthony | *History of Euorpe 1915-1960* |

## Unit – I

Transition from Feudalism to Capitalism in Europe
Renaissance: Origins, Emergence and Results
Reformation: Origins, Emergence and Results

## Unit – II

Shift of Economic Balance from the Mediterranean to Atlantic Region
Early Colonial System: Motives, Process and Consequences of Colonization of Americas
Mercantile Revolution: Origins and Results

## Unit- III

Scientific Revolution: Origins and Impact
Glorious Revolution: Origins and Results
Industrial Revolution: Origins, Progress and Impact
Agricultural Revolution: Origins, Progress and Impact

## Unit – IV

**Maps (Europe):**

Important Centers of Renaissance
Important Centers of Reformation
Important Mercantile Centers
Major Places Connected with Industrial Revolution
Capitalist Powers of Europe

# Guru Jambheshwar University of Science & Technology, Hisar
## History
## B.A. IIIrd Year 6th Semester
## PAPER-A (THEORY) HIST 304 : Modern World (Option-II)
## (w.e.f. the academic session 2020-21)

**Maximum Marks :**100
**External Marks :**80
**Internal Assessment :**20
**Time :**3 hours

**Note :-**

1. The question paper will consist of nine questions. The candidate shall attempt five questions in all. The Question No. 1 will be compulsory. The Candidate shall attempt four more questions selecting at least one from each Unit. The paper will carry 100 marks out of which 20 marks will be earmarked for internal assessment.

2. The Compulsory Question No.1 will be short answer type questions containing ten questions of equal marks (i.e., 2 marks each) spread over the whole syllabus. Other questions will carry the 15 marks each.

3. The Map Question will be carrying 15 marks (10 for map work and 5 for explanatory note). For visually disabled candidates, the part relating to the explanatory note will carry full marks

## Unit – I

American Revolution: Causes and Impact
French Revolution: Nature and Impact
Growth of Liberalism in England

## Unit – II

Rise of Imperialism: Causes and Consequences
World War – I : Causes and Consequences
Paris Peace Settlement and its Consequences

## Unit- III

Rise of Socialism and Bolshevik Revolution in Russia
Rise of Dictatorship: Nazism and Fascism
World War - II : Causes and Consequences

## Unit – IV

**Maps (World/ Europe):**
Europe on the Eve of French Revolution
Polarization of Countries before World War-I
Europe after Paris Peace Settlement
Polarization of Countries before World War-II

## Suggested Readings:

Barrachough, G.                          *An Introduction to Contemporary History (Penguin, 1968)*

Bronowski, J. and Bruce Mazlish          *The Western Intellectual Tradition (Ayer Co., 1960)*

Carr, E.H.                               *The Bolshevik Revolution, 1917-23, 3 Vols. (Macmillan,1950, 1951 and 1953)*

Chauhan, D.S.                            *Europe Ka Itihas (Hindi)*

Chauhan, D.S.                            *Samkalin Europe (Hindi)*

Davies, H.A.                             *Outline History of the World*

Fisher, H.A.L.                           *A History of Europe (Fontana Library, 1969).*

Gupta, Parthasarthi                      *Adhunik Paschim Ka Uday (Hindi)*

Gupta, Parthasarthi                      *Europe Ka Itihas (Hindi)*

Henderson, O.P.                          *The Industrial Revolution on the Continent.*

Hill, Christopher                        *From Reformation to Industrial Revolution (Penguin, 1970)*

Hill, Christopher                        *Lenin and the Russian Revolution, (Penguin, 1978)*

Hinsely, F.H. (ed.)                      *Modern History: Material Progress and World Wide Problems*

Joll, James                              *Europe Since 1870: An International History (Harper-Row, 1973)*

Joll, James                              *1870 Se Europe (Hindi)*

Langer, W.L.                             *Diplomacy of Imperialism*

Langer, W.L.                             *European Alliances and Alignments (Greenwood, 1977).*

Lefebvre, Georges                        *Coming of the French Revolution (Princeton, 1989)*

Palmer, R.A. and Cotton Joel             *A History of Modern World (McGraw, 1982)*

Parks, H.B.                              *The United States of America*

Rolls, Eric                              *History of Economic Thought*

Rude, George                             *Revolutionary Europe (1984)*

Saboul, A.                               *The French Revolution.*

Stavrianes, L.S.                         *The World Since 1500 (1928)*

Taylor, A.J.P.                           *The Origins of the Second World War*

Taylor A.J.P.                            *The Struggle for Mastery in Europe (OUP,1954)*

Thompson, David                          *Europe Since Napoleon (Penguin, 1957,1966)*

## Sociology

प्रत्यक्षवाद: कॉम्टे का तीन चरणों का नियम, सामाजिक स्थैतिक और गतिशीलता, विकासवाद- स्पेंसर का विकासवादी दृष्टिकोण

### यूनिट - II

प्रकार्यवाद: दुर्खीम्स की सामाजिक तथ्य की अवधारणा, समाज में श्रम का विभाजन; रैडक्लिफ ब्राउन का संरचनात्मक-कार्यात्मक दृष्टिकोण

### यूनिट - III

संघर्ष: मार्क्स की द्वंद्वात्मक ऐतिहासिक भौतिकवाद की अवधारणा, वर्ग और वर्ग संघर्ष; सामाजिक संघर्ष के प्रति कोसर का दृष्टिकोण

### यूनिट - IV

अंतःक्रियावाद: वेबर का व्याख्यात्मक समाजशास्त्र; सामाजिक क्रिया के आदर्श प्रकार एवं प्रकार; जी.एच.मीड की मन, स्व और समाज की अवधारणा