

1 राजस्थान विश्वविद्यालय, जयपुर सामान्य हिन्दी

पूर्णांक 100

समय 3 घण्टे

न्यूनतम उत्तीर्णांक 36

नोट : 36 से कम अंक आने पर छात्रों को उत्तीर्ण नहीं किया जायेगा। इस प्रश्न-पत्र में प्राप्त अंकों को श्रेणी निर्धारण हेतु नहीं जोड़ा जायेगा।

अंक विभाजन - प्रश्न पत्र में दो भाग होंगे - 1. साहित्य खण्ड एवं 2. व्याकरण खण्ड। साहित्य खण्ड में दो भाग होंगे- गद्य भाग एवं पद्य भाग। प्रत्येक भाग के लिए 25 अंक निर्धारित हैं।

		50 अंक
क	दो व्याख्या पद्य से (प्रत्येक में विकल्प देना है)	5 x 2 = 10 अंक
ख	दो व्याख्या गद्य से (प्रत्येक में विकल्प देना है)	5 x 2 = 10 अंक
ग	आलोचनात्मक प्रश्न पद्य से (विकल्प देना है)	7½ x 2 = 15 अंक
घ	आलोचनात्मक प्रश्न गद्य से (विकल्प देना है)	7½ x 2 = 15 अंक

व्याकरण / व्यावहारिक हिन्दी खण्ड		25 अंक
i.	निबंध लेखन - शब्द सीमा 300 शब्द	8 अंक
ii.	कार्यालयी लेख - शासकीय-अर्द्धशासकीय पत्र, परिपत्र, अधिसूचना, कार्यालय ज्ञापन, विज्ञप्ति, कार्यालय आदेश।	4x2 = 8 अंक
iii.	संक्षेपण (विकल्प देना है)	5 अंक
iv.	पल्लवन (विकल्प देना है)	4 अंक
v.	शब्द निर्माण की प्रविधि - उपसर्ग, प्रत्यय, संधि, समास	5 अंक
vi.	वाक्य शुद्धि / शब्द शुद्धि	5 अंक
vii.	मुहावरे	5 अंक
viii.	पारिभाषिक शब्दावली	5 अंक
ix.	व्याकरणिक कोटियां - संज्ञा, सर्वनाम, विशेषण, क्रिया, क्रिया विशेषण	5 अंक


साहित्य खण्ड : गद्य-पद्य की निर्धारित रचनाएँ

गद्य भाग - निम्नांकित पाठ निर्धारित हैं -

- | | | | |
|-----|-----------|---|---|
| 1. | कहानी | : | बड़े घर की बेटी (प्रेमचंद) |
| 2. | संस्मरण | : | प्रणाम (महादेवी वर्मा) |
| 3. | रेखाचित्र | : | बाईस वर्ष बाद (बनारसीदास चतुर्वेदी) |
| 4. | विज्ञान | : | शनि सबसे सुन्दर ग्रह (गुणाकर मुळे) |
| 5. | निबंध | : | गेहूँ और गुलाब (रामवृक्ष बेनीपुरी) |
| 6. | निबंध | : | सूखे चेहरों का भूगोल (मणिमधुकर) |
| 7. | निबंध | : | मजदूरी और प्रेम (सरदार पूर्ण सिंह) |
| 8. | निबंध | : | राजस्थान की सांस्कृतिक धरोहर (अगरचंद नाहटा) |
| 9. | निबंध | : | राष्ट्र का स्वरूप (वासुदेव शरण अग्रवाल) |
| 10. | व्यंग्य | : | ठिठुरता हुआ गणतंत्र (हरिशंकर परसाई) |

पद्य भाग -

- | | | | |
|----|--------|----------|---|
| 1. | कबीर- | 1. | मन रे ! जागत रहिये भाई |
| | | 2. | हमारे राम रहीम करीमा केसौ, अलह राम सति सोई। |
| | | 3. | काजी कौन कतेब बखानै। |
| | | 4. | मन रे! हरि भजि, हरि भजि हरि भजि भाई। |
| | | 5. | है मन भजन कौ प्रवान |
| | | संदर्भ : | कबीर ग्रंथावली-श्यामसुंदरदास |
| 2. | सूरदास | 1. | किलकत कान्ह घटुरुवनि आवत |
| | | 2. | मुरली तऊ गोपालहिं भावत |
| | | 3. | देखौ माई सुन्दरता कौ सागर |


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(5)

4. जसोदा बार बार यों भाखै
5. चित्तु है सुनौ स्याम प्रवीन

3. तुलसीदास

1. कबहुँक अब अवसर पाई
2. अबलौ नसानी अब न नसैहौं
3. मोहि मूढ़ मन बहुत बियोगौ
4. ऐसौ को उदार जग मांही
5. मन पछितैहैं अवसर बीते

संदर्भ : विनय पत्रिका, गीता प्रेस गोरखपुर

4. रहीम

पद

1. छवि भावन मोहनलाल की
2. कमल दल नैननि की उनमानि दोहा
1. प्रीतम छवि नैननि बसी
2. बसि कुसंग चाहत कुसल
3. रहिमन अंसुआ नैन ढरि
4. रहिमन औछे नरन सौं बैर भलौ ना प्रीति
5. रहिमन निज मन की बिथा
6. काज परै कछु और है
7. खैर खून खाँसी, खुसी बैर प्रीति मदपान
8. दादुर मोर किसान मन लग्यो रहे घन माँहि
9. पावस देखि रहीम मन कोइल साधै मौन
10. रहिमन बिगरी आदि को बनै न खरचे दाम।

संदर्भ : रहीम ग्रन्थावली, विद्यानिवास मिश्र

5. पदमाकर कवित्त

1. कूलन में केलिन में कछारन में कुंजन में
2. और भाँति कुंजन में गुंजरित भौर भीर
3. पात बिनु कीन्हे ऐसी भाँति गुन बेलिन के
4. चितै चितै चारों ओर चौँकि चौँकि परै त्योहीं सवैया
5. या अनुराग की लखौं जहँ.....
6. फाग के भीर अभीरन में गहि गोविन्द लै गई भीतर गोरी।

6. मैथिलीशरण गुप्त

साकेत – अष्टमसर्ग से
कैकेयी का अनुताप
तदनन्तर बैठी सभा उटज के आगे
सौ बार धन्य वह एक लाल की माई।

7. प्रसाद : कामायनी, श्रद्धासर्ग – कहा आगन्तुक ने सस्नेह ..विजयिनी मानवता हो जाय।

8. पंत : 1. प्रथम रश्मि छन्द 1-13

2. भारत माता

9. निराला: 1. भारती जय विजय करे

2. बादल राग -1


3. दलित जन पर करो करुणा

4. फिर नभ घन घहराये।

10. रामधारी सिंह दिनकर –रश्मिस्थी-तृतीय सर्ग –आरंभिक अंश

सच्चे शूरमा

सच है विपत्ति जब आती है क्या कर सकती चिनगारी है।


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6

2. GENERAL ENGLISH

Duration: 3 hrs.

Max. Marks: 100

Minimum Pass Marks: 36

The syllabus aims at achieving the following objectives:

1. Introducing students to phonetics and enabling them to consult dictionaries for correct pronunciation (sounds and word stress)
2. Reinforcing selected components of grammar and usage
3. Strengthening comprehension of poetry, prose and short-stories
4. Strengthening compositional skills in English for paragraph writing. CVs and job applications.


The Pattern of the Question Paper will be as follows:

Unit A: Phonetics and Translation (20 marks)
(10 periods)

- | | |
|--|------|
| I Transcription of Phonetic Symbols | (05) |
| II Word Stress | (05) |
| III Translation of 5 sentences from Hindi to English | (05) |
| IV Translation of 10 Words from Hindi to English | (05) |

Unit B: Grammar and Usage (20 marks)
(10 periods)

- | | |
|----------------------------------|------|
| I Transformation of Sentences | (05) |
| a. Direct and Indirect Narration | |
| b. Active and Passive Voice | |


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University of Rajasthan

(7)

c. Interchange of Degrees of Comparison

II Modals (05)

III Sequence of Tenses (05)

IV Punctuation of a Short Passage with 10 Punctuation Marks (05)

Unit C: Comprehension
(25 periods)

(30 marks)

Following Essays and Stories in *Essential Language Skills* revised edition compiled by Macmillan for University of Rajasthan General English B. A. /B. Com./B. Sc.

William Blake

The Little Black Boy

Sujata Bhatt

Voice of the Unwanted Girl

Ruskin Bond

Night Train for Deoli

M.K. Gandhi

The Birth of Khadi

J.L. Nehru

A Tryst with Destiny


A.P.J. Abdul Kalam

Vision for 2020

Five questions to be answered out of eight questions Two marks each based on 6 units of the prescribed texts

Five questions of 3 marks each to be answered from the given passage:
15 marks

1 Vocabulary question from the given passage (at least 10 words) : 5 Marks


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8

Unit D: Compositional Skills

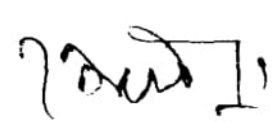
(30 marks)

(15 periods)

I Letters-Formal and Informal	(10)
II CVs and Job Applications	(10)
III Paragraph Writing	(10)

Recommended Reading:

1. Sasikumar, V., Dutta and Rajeevan, A Course in Listening and Speaking-I Foundation Books. 2005.
2. Sawhney, Panja and Verma eds. English At the Workplace, Macmillan 2003.
3. Singh, R.P. Professional Communication. OUP. 2004
4. Judith Leigh. CVs and Job Applications. OUP. 2004
5. Arthur Waldhorn and Arthur Zeiger, English Made Simple. Upa and Co.
6. Gunashekar ed. A Foundation English Course for Undergraduates. Book I, CIEFL, Hyderabad.
7. Quirk and Greenbaum: A University Grammar of English Longman, 1973


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9

3.

3 COMPULSORY PAPER OF ENVIRONMENTAL STUDIES

Compulsory in I Year for all streams at undergraduate level

Scheme of examination

Time	Min Marks	Max. Marks
3 hrs	36	100

This paper will contain 100 multiple choice questions. Each question will carry 1 mark.

Students should be encouraged to visit places of Environmental Importance including Natural and Manmade Habitat.

Note:

1. The marks secured in this paper shall not be counted in awarding the division to a candidate.
2. The candidates will have to clear this compulsory paper in three chances.
3. Non-appearing or absence in the examination of compulsory paper will be counted as a chance.

Unit.1: The Multidisciplinary nature of environmental studies

Definition, scope and importance- Relationship between Environmental Studies and other branches of science and social sciences.

Need for Environmental awareness, Environmental education in present day context.

Unit.2: Natural Resources and Challenges

- a. Natural resources and associated problems, Classification of resources: renewable resources, non renewable resources, classes of earth resources, resources regions: Definition and criteria, resource conservation.
- b. Forest resources: Use and over- exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forest and tribal people.
- c. Water resources: Use and over-utilization of surface and groundwater, floods, drought conflicts over water, dams-benefits and problems.
- d. Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies.

1


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10

- e. Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticides problems, water logging, salinity, case studies.
- f. Energy resources: Growing energy need, renewable and nonrenewable energy sources, use of alternate energy sources. Case studies.
- g. Land resources: Land as a resource, Land degradation man induced Landslides, soil erosion and desertification.
 - Role of an individual in conservation of natural resources.
 - Equitable use of resources for sustainable lifestyles.

Unit 3: Ecosystems, Concepts, Structure, Functions and Types

- Concept of an ecosystem
- Structure and function of an ecosystem
- Producers, consumers and decomposers
- Energy flow in the ecosystem
- Ecological succession
- Food chains, food webs and ecological pyramids
- Introduction, types characteristics features, structure and function of the following ecosystem:
 - a. Forest ecosystem, Tropical Temperate and Alpine Ecosystem
 - b. Grassland ecosystem and Their Types
 - c. Desert ecosystem with emphasis on Thar Desert
 - d. Aquatic ecosystems(ponds, streams, lakes, rivers, oceans, estuaries) and Wet Lands

Unit 4: Biodiversity and its conservation

- Introduction –Definition, genetic, species and ecosystem diversity
- Biogeographically classification of India
- Value of biodiversity :consumptive use, productive use, social ethical., aesthetic and option values
- Biodiversity at global, National and local level
- India as a mega-diversity nation
- Hot-spot of biodiversity
- Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts
- Endangered, Threatened and endemic species of India
- Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity
- Red Data Book

Unit 5 : Environmental Pollution and Control Measures

Definition

- Causes, effects and control measures of:
 - a) Air Pollution
 - b) Water Pollution
 - c) Soil Pollution
 - d) Marine Pollution
 - e) Noise Pollution
 - f) Thermal Pollution
 - g) Nuclear Hazards
- Solid waste management” Causes, effects and control measures of urban and industrial wastes
- Role of an individual in prevention of pollution
- Pollution case studies
- Disaster management: floods earthquake, cyclone and landslides

Unit 6 : Social issues, Environment, Laws and Sustainability

- From Unsustainable to Sustainable development
- Urban problems related to energy
- Water conservation, rain water harvesting, watershed management
- Resettlement and rehabilitation of people; its problems and concerns. Case studies
- Environmental ethics: Issues and possible solution.
- Climate change, global warming, acid rain ozone layer depletion, nuclear accidents and holocaust. Case studies
- Wasteland reclamation.
- Consumerism and waste product.
- Environmental Protection Act.
- Air (Prevention and Control of Pollution) Act
- Wild life protection Act
- Forest Conservation Act
- Biological Diversity Act
- Issues involved in enforcement of environmental legislation
- Public Awareness.

Unit 7: Human Population and the Environment

- Population growth, variation among nations
- Population explosion-Family Welfare Programme
- Environment and Human health
- Human Rights
- Value Education
- HIV/AIDS
- Women and Child Welfare
- Role of Information Technology in Environment and human health
- Case Studies

Suggested Readings:-

1. Chauhan, Surendra Singh. 2001. Biodiversity, Biopiracy and Biopolitics: The Global Perspectives, Kalinga Publications, New Delhi.
2. Chauhan, Surendra Singh. 2004. Environmental Protection and Management: From Stockholm to Rio and After, Kalinga Publications, New Delhi.
3. Diwan A.P. and Arora D.K.1995. Human Ecology Anmol Publication Pvt.Ltd.,New Delhi.
4. Dubey, R.M.1992. Human Ecology and Environmental Education,Chaug Publications,Allahabad.
5. Goudie,Andrew.The Human Impact.
6. Husain Maxia.1994 Human Geography,Rawat Publication,Jaipur.
7. Johnston, R.J.Ed.1986 Dictionary of Human geography,National Publication,New Delhi.
8. Malik,S.L.and Bhattacharya D.K.1986. Aspects of Human Ecology,Northern Book Center,New Delhi.
9. Mishra,R.P and Bhooshan,B.S.1979.Human Settlements in Asia.Public,Polices and programmes Haritage publisher,New Delhi.
- 10.Nathawat, G.S.1985. Human Ecology,An Indian perspective,Indian Human Ecology Council,Jaipur.
- 11.Russel, Bartrand, 1976.Impact of Science of society Unwin,Publisher,Indian. (paper back).
- 12.Sinha Rajiv, 1996.Gloobal Biodiversity Ina.,Shri publication,Jaipur.
- 13.Sinha Rajiv K., 1994. Development without Deserttrction
- 14.Environmentalist,Jaipur. Sinha Rajiv K., 1996.Environmental Crises and Human at Risk,In A Shri Publication,Jaipur.
- 15.Smith, Dlanne, 1984.Urban Ecology,George Allen,London.
- 16.Swarnkar, R.C.1985.Indian Tribes.Printwell publisher,Jaipur.
- 17.Tivy,Joy and O'Hugegreg,1985.Human Impact on the Ecosystem Edinburgh George Allen Boyd.
- 18.United Nations Development Report, 1996.Human Development Report, 1996.Oxford University Press,Delhi.
- 19.Vannathony & Rogers Paul, 1974. Human Ecology and World Development,Flehum Press,New York.

4. Syllabus of Elementary Computer Applications

Work load : Teaching 2 hours per week
Practical 2 hours per week

Max Marks: 100 (Main University Exam: Theory -60 Marks, Practical- 40 Marks)

Each candidate has to pass in Theory and Practical Examinations separately.

Main University Examination : Question pattern for Theory Paper

Max Marks: 60

Part – I (very short answer) consists 10 questions of **one marks** each with two questions from each unit. Maximum limit for each question is up to 20 words.

Part – II (short answer) consists 5 questions of **two marks** each with one question from each unit. Maximum limit for each question is up to 40 words.

Part – III (Long answer) consists 5 questions of **eight marks** each with one question from each unit with internal choice. Maximum limit for each question is up to 400 words.

Unit – I

Introduction to Information Technology, evolution and generation of computers, type of computers, micro, mini, mainframe and super computer. Architecture of a computer system: CPU, ALU, Memory (RAM, ROM families) cache memory, input/output devices, pointing devices.

Concept of Operating system, need types of operating systems, batch, single user, multi-processing, distributed and timeshared operating systems, Introduction to Unix, Linux, Windows, Windows NT, Programming languages – Low level and high level languages, generation of languages, 3 GL and 4 GL languages, Graphic User Interfaces.

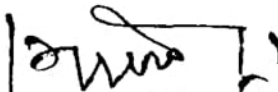
Unit – II

Word Processing Tool - Introduction, Creating, Saving, Copy, Move and Delete, Checking Spelling and Grammar, Page Layout, interface, toolbars, ruler, menus, keyboard shortcut, editing, Text Formatting, insert headers and footers, Bullets and Numbering, Find and Replace etc., Insert Table and Picture, Macro, Mail Merge.

Power Point: Creating and viewing a presentation, managing Slide Shows, navigating through a presentation, using hyperlinks, advanced navigation with action setting and action buttons, organizing formats with Master Slides, applying and modifying designs, adding graphics, multimedia and special effects

Unit – III

Electronic Spreadsheet - Worksheet basics, Create, save and open a worksheet, Entering data text, numbers and formula in a worksheet, Inserting and deleting cells, cell formatting, inserting rows and columns in a worksheet, formatting worksheets, Using various formulae and inbuilt functions, Update worksheets using special tools like spell check and auto correct, Setup the page


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(14)

and margins of worksheets for printing. Format the data in the worksheet globally or selectively. creating charts. Enhance worksheets using charts, multiple worksheets-concepts

Unit – IV

The Internet - History and Functions of the Internet, Working with Internet, Web Browsers. World Wide Web. Uniform Resource Locator and Domain Names, Uses of Internet. Search for Information. Email. Chatting. Instant messenger services. News, Group, Teleconferencing. Video-Conferencing. E-Commerce and M-Commerce.

Manage an E-mail Account, E-mail Address, configure E-mail Account, log to an E-mail, Receive E-mail. Sending mails, sending files an attachments and Address Book, Downloading Files. online form filling. E-Services - E-Banking and E-Learning.

Unit - V

Social, Ethical and Legal Matters - Effects on the way we: Work Socialise, Operate in other areas. Cyber crime. Prevention of crime, Cyber law: Indian II Act, Intellectual property. Software piracy. Copyright and Patent, Software licensing, Proprietary software, Free and Open source software.

Network Security - Risk assessment and security measures. Assets and types (data, applications, system and network). Security threats and attacks (passive, active); types and effects (e.g. Identity theft, denial of services, computer virus etc.), Security issues and security measures (Firewalls, encryption/decryption). Prevention.

Question Paper pattern for Main University Practical Examination


Max Marks: 40

Practical

The practical exercises will be designed to help in the understanding of concepts of computer and the utilization in the areas outlined in the theory syllabus. The emphasis should be on practical usage rather than on theoretical concepts only.

The practical examination scheme should be as follows

- Three Practical Exercise (including Attendance & Record performance) 30 marks
 - Operating system
 - MS Word
 - MS Excel
 - MS Power Point
 - Internet
- Viva-voce 10 marks


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15