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HA—24—2026

FACULTY OF HUMANITIES

B.A. (NEP) (Third Semester) EXAMINATION

APRIL/MAY, 2026

COMPULSORY ENGLISH

HENGAC-1201

(Comprehension and Grammar-I)

(Tuesday, 7-4-2026)

Time : 2.00 p.m. to 4.00 p.m.

Time—2 Hours

Maximum Marks—30

N.B. :— (i) All questions carry equal marks.

(ii) Question No. 1 is compulsory.

(iii) Solve any *two* questions from Q. 2 to Q. 5.

1. Attempt the following short notes :

10

(a) Ratnam

(b) Teacher Samuel

(c) Central Idea in The Road Not Taken

(d) Helping Verbs

P.T.O.

2. Discuss Mr. Ratnam's Trick to test the honesty of his new salesman in your own words. 10
3. 'Background Casually' is a close self-analysis of the person who feels himself in an alien world'. Discuss. 10
4. Describe Swami Vivekananda's boat journey in your own words. 10
5. Discuss simple present, simple past and simple future tense with suitable examples. 10

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HA—03—2026

FACULTY OF ARTS

B.A. (NEP) (Third Semester) EXAMINATION

APRIL/MAY, 2026

MARATHI (MIL)

Paper III (AECMAR-1201)

(मराठी साहित्य)

(Saturday, 4-4-2026)

Time : 2.00 p.m. to 4.00 p.m.

Time—2 Hours

Maximum Marks—30

N.B. :— (i) प्रश्न पहिला अनिवार्य आहे.

(ii) प्रश्न क्रमांक 2 ते प्रश्न क्र. 5 यापैकी कोणतेही दोन प्रश्न सोडवा.

(iii) सर्व प्रश्नांना समान गुण आहेत.

1. पुढील टिपा थोडक्यात लिहा :

10

(i) 'नवा शिपाई' मधील समतेचा विचार

(ii) 'मेखमारो' मधील रखमाजी

(iii) यशोधरा

(iv) लोकशाहीचे भवितव्य.

P.T.O.

2. प्रज्ञा दया पवार यांनी सावित्रीबाईंच्या विचार आणि कार्याचे महत्व कशाप्रकारे सांगितले आहे, ते लिहा. 10
3. 'मरीआईचा गाडा' ही कथा वैज्ञानिक दृष्टिकोन रुजविणारी आहे' स्पष्ट करा. 10
4. म. जोतीराव फुले यांच्या बहुआयामी व्यक्तिमत्वाचे भावचित्र 'मनातले जोतीराव' या लेखाधारे विशद करा. 10
5. शहीद भगतसिंहांचे वडिलांना लिहिलेल्या पत्रातील विचार थोडक्यात लिहा. 10

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NEPJD—301—2026

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (Second Year) (Third Semester) EXAMINATION

APRIL/MAY, 2026

(NEP-2020)

COMPUTER SCIENCE

Paper—SCSCCT-1201

(JAVA Programming)

(Thursday, 9-4-2026)

Time : 2.00 p.m. to 4.00 p.m.

Time—2 Hours

Maximum Marks—30

N.B. :— (i) Question paper will consist of **5** questions, each of **10** marks.

(ii) Question No. **1** is compulsory.

(iii) Solve any *two* of remaining four questions from Q. No. **2** to Q. No. **5**.

1. Solve the following questions (**2.5** marks each) : 10

(a) Explain the JAVA history.

(b) Explain the class and object with syntax.

(c) Explain the final keyword.

(d) Explain the interface with syntax.

P.T.O.

2. Solve the following questions (5 marks each) : 10
- (a) Explain the if-else statement with syntax.
 - (b) Explain the command-line arguments with example.
3. Solve the following questions (5 marks each) : 10
- (a) Explain the concept of inheritance with multi-level example.
 - (b) Explain the concept of garbage collection in JAVA.
4. Solve the following questions (5 marks each) : 10
- (a) Explain the abstract class with syntax.
 - (b) Explain in detail user defined exceptions with example.
5. Solve the following questions (5 marks each) : 10
- (a) Explain the I/O stream classes.
 - (b) Explain the method references with example.

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NEPJD—302—2026

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (Second Year) (Third Semester) EXAMINATION

APRIL/MAY, 2026

(NEP-2020)

COMPUTER SCIENCE

Paper—SCSCCT-1202

(Programming with Python)

(Saturday, 11-4-2026)

Time : 2.00 p.m. to 4.00 p.m.

Time—2 Hours

Maximum Marks—30

N.B. :— (i) Question No. 1 is compulsory.

(ii) From Q. No. 2 to Q. No. 5, solve any *two* questions.

1. Solve the following questions : 10

- (a) Explain class attributes versus data attributes.
- (b) Explain features of Python.
- (c) Explain CRUD.
- (d) Explain Label and Text box button.

P.T.O.

2. Solve the following questions : 10
- (a) Explain structure of Python program.
 - (b) Explain I/O statements in Python.
3. Solve the following questions : 10
- (a) Explain classes with multiple objects.
 - (b) Explain iterator and generator.
4. Solve the following questions : 10
- (a) Explain architecture of Database connectivity.
 - (b) Explain GUI using TKinter module.
5. Solve the following questions : 10
- (a) How to create applications and Django project ? Explain.
 - (b) Explain installation steps of Django.

This question paper contains **2** printed pages]

NEPJD—303—2026

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (Second Year) (Third Semester) EXAMINATION

APRIL/MAY, 2026

(NEP-2020)

COMPUTER SCIENCE

Paper—SCSCMT-1201

(Software Engineering)

(Wednesday, 15-4-2026)

Time : 2.00 p.m. to 4.00 p.m.

Time—2 Hours

Maximum Marks—30

N.B. :- (i) Question paper will consist of **5** questions each of **10** marks.

(ii) Question No. **1** is compulsory.

(iii) Solve any *two* of the remaining four questions from Q. No. **2** to Q. No. **5**.

1. Solve the following questions (**2.5** marks each) : 10

(a) Explain evolving role of Software.

(b) What is functional and non-functional requirement ?

(c) What is software testing ? Explain Validation testing ?

(d) What are the importance of software quality ?

P.T.O.

2. Solve the following questions (5 marks each) : 10
- (a) Explain generic software process framework.
 - (b) Explain the waterfall model in detail.
3. Solve the following questions (5 marks each) : 10
- (a) What is the need for SRS ? Explain component of SRS.
 - (b) Explain proactive vs. reactive strategies.
4. Solve the following questions (5 marks each) : 10
- (a) Explain software quality and reliability.
 - (b) Explain black-box and white box testing.
5. Solve the following questions (5 marks each) : 10
- (a) Explain Software Quality Assurance (SQA) in detail.
 - (b) Explain software reviews.

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HA—16—2026

FACULTY OF HUMANITIES

B.A. (NEP) (Fourth Semester) EXAMINATION

APRIL/MAY, 2026

ENGLISH (Compl.)

(Comprehension and Grammar-II)

(Monday, 6-4-2026)

Time : 2.00 p.m. to 4.00 p.m.

Time—2 Hours

Maximum Marks—30

N.B. :— (i) All questions carry equal marks.

(ii) Question No. 1 is compulsory.

(iii) Solve any *two* questions from Question Nos. 2 to 5.

1. Write short notes on :

10

(a) Character sketch of Ali

(b) The quarrel between Malasha and Akoulya

(c) Concept of equality in 'The Mountain and the Squirrel'.

(d) Uses of 'would'.

P.T.O.

2. Discuss the theme of loneliness and grief in the story 'Letter' by Dhumketu. 10
3. Justify the title 'Little Girls Wiser than Men'. 10
4. 'There will come soft Rains' describe the dangers of technology obsessed society. Discuss. 10
5. Explain with suitable examples the uses of modal auxiliaries 'can', 'could', 'may' and 'might'. 10

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HA—1004—2026

FACULTY OF ARTS/COMMERCE/SCIENCE

B.A./B.Com./B.Sc. (Second Year) (Fourth Semester) EXAMINATION

APRIL/MAY, 2026

VALUE EDUCATION

VECEVS-1251

(Environmental Studies)

(Compulsory)

(Thursday, 2-4-2026)

Time : 2.00 p.m. to 4.00 p.m.

Time—2 Hours

Maximum Marks—30

N.B. :- (i) All questions carry equal marks.

सर्व प्रश्नांना समान गुण आहेत.

(ii) Question No. 1 is compulsory.

प्रश्न क्रमांक 1 अनिवार्य आहे.

(iii) Solve any two questions from Q. No. 2 to Q. No. 5.

प्रश्न क्र. 2 ते प्रश्न क्र. 5 कोणतेही दोन प्रश्न सोडवा.

1. Write short notes on the following (2.5 marks each) :

10

खालील प्रश्नांवर थोडक्यात टिपा लिहा (प्रत्येकी 2.5 गुण) :

(a) Flood

पूर

(b) Soil erosion

जमिनीची धूप

P.T.O.

- (c) Food web
अन्नजाळे
- (d) Deforestation.
जंगलतोड.
2. Explain the renewable and non-renewable resources with suitable examples. 10
क्षयक्षम व अक्षयक्षम साधनसंपत्ती म्हणजे काय ? उदाहरणासह स्पष्ट करा.
3. Define environment. Discuss the need for public awareness in environmental protection. 10
पर्यावरणाची व्याख्या लिहा. पर्यावरणाच्या संरक्षणात जनजागृतीची गरज यावर चर्चा करा.
4. What is water pollution ? Describe the causes and effects of water pollution. 10
जल प्रदूषण म्हणजे काय ? जल प्रदूषणाची कारणे व परिणाम विशद करा.
5. Discuss in detail energy flow in ecosystem. 10
परिसंस्थेतील उर्जाप्रवाह याची सविस्तर चर्चा करा.

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HA—26—2026

FACULTY OF HUMANITIES

B.A./B.Com./B.Sc. (NEP) (Second Year) (Fourth Semester) EXAMINATION

APRIL/MAY, 2026

HINDI (MIL)

Paper-IV—HHINMIL-1251

(गद्य विविधा भाग-2)

(Wednesday, 8-4-2026)

Time : 2.00 p.m. to 4.00 p.m.

Time—2 Hours

Maximum Marks—30

N.B. :— (i) प्रश्न क्रमांक 1 अनिवार्य है।

(ii) प्रश्न क्रमांक 2 से 5 में से किन्हीं दो प्रश्नों के उत्तर लिखिए।

(iii) सभी प्रश्नों के अंक समान हैं।

1. टिप्पणियाँ लिखिए (प्रति टिप्पणी 2½ अंक) :

10

(अ) राकेश अचल का व्यक्तित्व कृतित्व

(ब) रेडियो नाटक विधा का परिचय

(क) 'पत्थरबाबू' कहानी का उद्देश्य

(ड) 'अठतल्ले से गिर गए खेत बाबु' कहानी का रतन

P.T.O.

निम्नलिखित में से किन्हीं दो (2) प्रश्नों के दीर्घोत्तरीय उत्तर लिखिए :

2. 'सिन्दबाद की अन्तिम यात्रा' की मूल संवेदना स्पष्ट कीजिए। 10
3. 'संस्कृति का स्वरूप' लेख का आशय प्रस्तुत कीजिए। 10
4. 'सूर्यास्त के पहले' रेडियो नाटक में मानवीय संवेदना को बताइए। 10
5. 'पत्थरबाज' कहानी में असलम का चरित्र-चित्रण कीजिए। 10

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HA—27—2026

FACULTY OF ARTS/COMMERCE/SCIENCE

B.A./B.Com./B.Sc. (NEP) (Second Year) (Fourth Semester) EXAMINATION

APRIL/MAY, 2026

MARATHI (MIL)

(AECMAR-1251)

(मराठी भाषिक उपयोजन-IV)

(Wednesday, 8-4-2026)

Time : 2.00 p.m. to 4.00 p.m.

Time—2 Hours

Maximum Marks—30

N.B. :- (i) पहिला प्रश्न अनिवार्य आहे.

(ii) प्रश्न क्रमांक 2 ते प्रश्न क्रमांक 5 पैकी कोणतेही दोन प्रश्न सोडवा.

(iii) सर्व प्रश्नांना समान गुण आहेत.

1. पुढील टिपा थोडक्यात लिहा :

10

(i) सूत्रसंचालनाचे स्वरूप

(ii) चरित्रात्मक मुलाखत

(iii) टिप्पणी लेखन—संकल्पना

(iv) रोजनिशी लेखनाची भाषा.

P.T.O.

2. प्रभावी सूत्रसंचालकाचे गुणविशेष सविस्तर लिहा. 10
3. मुलाखत म्हणजे काय ते सांगून मुलाखतीला सामोरे जाताना कोणती काळजी घ्यावी ते स्पष्ट करा. 10
4. टिप्पणी लेखनाचे महत्व विशद करा. 10
5. रोजनिशी लेखनाचे विशेष स्पष्ट करा. 10

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NEPJD—401—2026

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (Second Year) (Fourth Semester) EXAMINATION

APRIL/MAY, 2026

(NEP-2020)

COMPUTER SCIENCE

Paper—SCSCCT-1251

(Web Development Using J2EE)

(Friday, 10-4-2026)

Time : 2.00 p.m. to 4.00 p.m.

Time—2 Hours

Maximum Marks—30

N.B. :— (i) Question No. 1 is compulsory.

(ii) Attempt any 2 questions from Q. No. 2 to Q. No. 5.

(iii) Draw neat and labelled figures wherever necessary.

(iv) Assume suitable data, if necessary.

1. Attempt the following :

10

(a) What is Java Collection Framework ? What are its advantages ?

(b) What is Metadata ?

(c) Explain the concept of Cookies.

(d) Explain features of JSP.

P.T.O.

2. Attempt the following : 10
- (a) Differentiate between Array List and Vector with a suitable example.
 - (b) Explain with example use of an Iterator.
3. Attempt the following : 10
- (a) What is JDBC ? Explain its architecture.
 - (b) Explain Callable Statement with an example.
4. Attempt the following : 10
- (a) Explain the Servlet Life Cycle with a suitable diagram.
 - (b) How to access data from an HTML form in a servlet ?
5. Attempt the following : 10
- (a) Explain with example, how sessions are managed in JSP.
 - (b) Explain JSP directives with examples.

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NEPJD—402—2026

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (Second Year) (Fourth Semester) EXAMINATION

APRIL/MAY, 2026

(NEP-2020)

COMPUTER SCIENCE

Paper—SCSCCT-1252

(Operating System)

(Monday, 13-4-2026)

Time : 2.00 p.m. to 4.00 p.m.

Time—2 Hours

Maximum Marks—30

N.B. :— (i) All questions carry equal marks.

(ii) Question No. 1 is compulsory.

(iii) From Q. No. 2 to Q. No. 5, solve any two questions.

1. Answer the following questions (2.5 marks each) : 10
 - (a) Explain Extended Machine View.
 - (b) Explain Segmentation in Memory Management.
 - (c) Explain Round Robin Scheduling.
 - (d) Describe Banker's Algorithms.
2. Answer the following questions : 10
 - (a) Explain Hierarchical Machine View in Operating System.
 - (b) Describe various components of Operating System.

P.T.O.

3. Answer the following questions : 10
- (a) Explain internal and external Fragmentation in Memory Management.
 - (b) Explain Single Contiguous Allocation techniques.
4. Answer the following questions : 10
- (a) Explain Scheduling Criteria in Process Management.
 - (b) Explain FCFS and SJF Scheduling in Scheduling Algorithms.
5. Answer the following questions : 10
- (a) Explain Channels and Control units in Device Management.
 - (b) Explain a General Model of File System.s

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NEPJD—403—2026

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (Second Year) (Fourth Semester) EXAMINATION

APRIL/MAY, 2026

(NEP-2020)

COMPUTER SCIENCE

Paper—SCSCMT-1251

(Software Testing)

(Thursday, 16-4-2026)

Time : 2.00 p.m. to 4.00 p.m.

Time—2 Hours

Maximum Marks—30

- N.B. :-*
- (i) Question No. 1 is compulsory.
 - (ii) From Q. Nos. 2 to 5, solve any *two* questions.
 - (iii) Figures to the right indicate full marks.
 - (iv) Assume suitable data, if necessary.
 - (v) Use of any electronic media such as mobile phone, digital diary and electronic calculator is not permitted.

1. Attempt the following (2.5 marks each) : 10
- (a) Define Software Testing.
 - (b) Write in short about Unit Testing.
 - (c) What are the agile principles ?
 - (d) Describe role of selenium in software testing.

P.T.O.

2. Attempt the following (5 marks each) : 10
- (a) Explain in detail principles and fundamentals of testing.
 - (b) Explain in detail V Model.
3. Attempt the following (5 marks each) : 10
- (a) Illustrate how Big Bang Approach is important in Software Testing.
 - (b) Write about the significance of system testing and acceptance testing.
4. Attempt the following (5 marks each) : 10
- (a) Explain the Agile testing quadrants.
 - (b) Explain Defect life cycle in software testing.
5. Attempt the following (5 marks each) : 10
- (a) Explain the components of Selenium applied in Software Testing.
 - (b) Give the importance of Locators of selenium.