

Bachelor of Science Examination March/April.-2026 (NEP-2024)

Day & Date	Class/Sem.	Subject Name	Time	Code	Marks
Monday 23/03/2026	B.Sc.-I/I (Repeater)	Surface Chemistry	2.00Pm to 4.00Pm	10032101	50

Instructions: - 1) All questions are compulsory.

2) Draw neat, labelled diagrams wherever necessary.

Q.1. Attempt Any Five of the following.

10 Marks

1. What is coagulation?
2. What is homolytic fission? Give one example
3. Define colloid.
4. What is electrophoresis?
5. What are catalysts? Give the types.
6. What is the inductive effect? Give one example.
7. Define electrophile with an example.
8. Define dipole moment.

Q.2. Attempt Any Two of the following.

10 Marks

1. Explain lyophilic and lyophobic colloids.
2. Explain hyperconjugation effect in detail.
3. What are emulsions? Explain types.
4. Explain free radical halogenation of alkanes. Discuss the mechanism (initiation, propagation, termination)

Q.3. Attempt Any Two of the following.

10 Marks

1. Give difference between physisorption and chemisorption.
2. Explain Inductive & Electromeric effect. Give suitable examples.
3. Classify colloids based on the following: Nature of particles (multimolecular, macromolecular, and associated)
4. Describe carbocations, carbanions with respect to their structure & stability order.

Q.4. Attempt Any Two of the following.

10 Marks

1. Derive the Freundlich adsorption isotherm and discuss its limitations.
2. Explain homolytic and heterolytic fission in detail.
3. Explain the following properties of colloids: 1) Tyndall effect 2) Brownian motion
4. Explain addition reactions with mechanisms and suitable example.

Q.5. Attempt Any Two of the following.

10 Marks

1. Explain the factors affecting the adsorption of gases on solids.
2. What are carbenes? Explain the formation.
3. Differentiate between homogeneous and heterogeneous catalysis with suitable examples.
4. Describe in detail the concept of resonance effect.

Bachelor of Science Examination Nov./Dec.-2025 (NEP-2020)

Day & Date	Class/Sem.	Subject Name	Time	Code	Marks
Monday, 08/12/2025	B.Sc.-I/I	Surface Chemistry	11:00 Am to 01:00 Pm	10032101	50

Instructions: - 1) All questions are compulsory.
2) Draw neat, labelled diagrams wherever necessary.

10 Marks

Q.1. Attempt Any Five of the following.

1. What is adsorption?
2. What is the inductive effect? Give one example.
3. Define colloid.
4. Define dipole moment.
5. What are catalysts? Give the types.
6. What is homolytic fission? Give one example
7. Define electrophile with an example.
8. What is electrophoresis?

10 Marks

Q.2. Attempt Any Two of the following.

1. Give difference between physisorption and chemisorption.
2. Explain Inductive & Electromeric effect. Give suitable examples.
3. Classify colloids based on the following: Nature of particles (multimolecular, macromolecular, and associated)
4. Describe carbocations, carbanions with respect to their structure & stability order.

10 Marks

Q.3. Attempt Any Two of the following.

1. Derive the Freundlich adsorption isotherm and discuss its limitations.
2. Explain homolytic and heterolytic fission in detail.
3. Explain the following properties of colloids: 1) Tyndall effect 2) Brownian motion
4. Explain addition reactions with mechanisms and suitable example.

10 Marks

Q.4. Attempt Any Two of the following.

1. Explain the factors affecting the adsorption of gases on solids.
2. What are carbenes? Explain the formation.
3. Differentiate between homogeneous and heterogeneous catalysis with suitable examples.
4. Describe in detail the concept of resonance effect.

10 Marks

Q.5. Attempt Any Two of the following.

1. Explain lyophilic and lyophobic colloids.
2. Explain hyperconjugation effect in detail.
3. What are emulsions? Explain types.
4. Explain free radical halogenation of alkanes. Discuss the mechanism (initiation, propagation, termination)

Bachelor of Science Examination: March /April 2026-2026(NEP-2024)

Day & Date	Class/ Semester	Subject Name	Time	Code	Marks
Tuesday 24/03/2026	B.Sc.-I/I Repeater	Zoology	2.00Pm to 4.00Pm	10032411	50

Instruction: - 1) All questions are compulsory.
2) Draw neat & labeled diagram whenever necessary.
3) All questions carry equal marks.

Q.1. Attempt Any Seven of the following questions.

14 Marks

- 1)) Explain function of Hydra.
- 2) Explain function of Cockroach.
- 3) Draw neat & labeled diagram – Human digestion.
- 4) Define Salivary glands.
- 5) Draw neat & labeled diagram – Earthworm.
- 6) Explain function of Amoeba.
- 7) Explain function of Spider.
- 8) Types of Circulation.
- 9) Draw neat & labeled diagram – Pigeon.
- 10) Define Hypostome.

Q.2. Attempt Any Two of the following question.

12 Marks

- 1) 1) Explain structure & function of Shark.
- 2) Explain structure of Human-kidney.
- 3) Explain structure & function of Earthworm.

Q.3. Attempt Any Three of the following question.

12 Marks

- 1) Explain structure of function pigeon.
- 2) Describe Contractile vacuoles.
- 3) Describe Malpighian tubules
- 4) Describe Types of circulation.

Q.4. Attempt Any Three of the following question.

12 Marks

- 1) Describe Nephridia.
- 2) Explain structure & function of Hydra.
- 3) Explain physiology of digestion in humans.
- 4) Explain structure & function of Ruminants

Bachelor of Science Examination: Nov/Dec-2025(NEP-2020)

Day & Date	Class/ Semester	Subject Name	Time	Code	Marks
Tuesday 09/12/2025	B.Sc.-I/I	Zoology	11.00 AM To 01.00 PM	10032411	50

**Instruction: - 1) All questions are compulsory.
2) Draw neat & labeled diagram whenever necessary.
3) All questions carry equal marks.**

Q.1. Attempt Any Seven of the following questions.

14 Marks

- 1) Draw neat & labeled diagram – Earthworm.
- 2) Explain function of Amoeba.
- 3) Explain function of Spider.
- 4) Explain function of Hydra.
- 5) Explain function of Cockroach.
- 6) Draw neat & labeled diagram – Human digestion.
- 7) Define Salivary glands.
- 8) Types of Circulation.
- 9) Draw neat & labeled diagram – Pigeon.
- 10) Define Hypostome.

Q.2. Attempt Any Two of the following question.

12 Marks

- 1) Explain physiology of digestion in humans.
- 2) Explain structure & function of Ruminants.
- 3) Explain structure & function of Earthworm.

Q.3. Attempt Any Three of the following question.

12 Marks

- 1) Explain structure of function pigeon.
- 2) Describe Contractile vacuoles.
- 3) Describe Malpighian tubules
- 4) Describe Types of circulation.

Q.4. Attempt Any Three of the following question.

12 Marks

- 1) Explain structure & function of Shark.
- 2) Explain structure of Human-kidney.
- 3) Describe Nephridia.
- 4) Explain structure & function of Hydra.

Bachelor of Science Examination: Nov/Dec-2025(NEP-2020)

Day & Date	Class/ Semester	Subject Name	Time	Code	Marks
Wednesday 10/12/2025	B.Sc.-I/I	Microbiology	11.00 AM To 01.00 PM		50

Instruction :- 1) All questions are compulsory .
2) Draw neat & labeled diagram whenever necessary.
3) All questions carry equal marks.

Q.1. Attempt Any Seven of the following questions.

14 Marks

- 1) Define microbiology.
- 2) Types of microbiology.
- 3) Scope of agriculture microbiology.
- 4) Function of cell wall.
- 5) Define prokaryotic cell.
- 6) Characteristics of microorganisms.
- 7) Types of relevance of microbiology.
- 8) Types of future in microbiology.
- 9) Define father microbiology.
- 10) Function of cell membrane.

Q.2. Attempt Any Two of the following question.

12 Marks

- 1) Explain scope of microbiology.
- 2) Explain history of microbiology.
- 3) Explain characteristics of micro-organisms.

Q.3. Attempt Any Three of the following question.

12 Marks

- 1) Explain medical & health science.
- 2) Explain discovery of microbiology.
- 3) Explain Environmental microbiology.
- 4) Explain introduction of microbiology.

Q.4. Attempt Any Three of the following question.

12 Marks

- 1) Explain future of microbiology.
- 2) Explain structure & function of cell wall.
- 3) Explain structure & function of plasma membrane.
- 4) Explain structure & function of flagella & pili.

Bachelor of Science Examination March /April 2026 (NEP-2020)

Day & Date	Class /Sem.	Subject Name	Time	Subject Code	Marks
Friday 27/03/2026	B.Sc. I/Sem I Repeater	OEC Evolution of earth and universe	2.00Pm to 4.00Pm	10410711	50M

Instructions: 1. Draw neat & labeled diagram if necessary

2. All questions are compulsory.

Q.1. Answer the following questions. (Any Five)

10 M

1. Define universe.
2. Write note on Gaseous Hypothesis.
3. Explain formation of Star.
4. Explain formation of galaxies.
5. Write note on Planetsimal hypothesis.
6. Give the list of theories related to the origin of universe

Q.2. Attempt the following questions. (Any Two)

10 M

1. Write note on Nebular Hypothesis.
2. Explain Binary Theory (Planetsimal theory).
3. Write note on Steady State Theory and Tidal Theory.

Q.3. Attempt the following questions. (Any Two)

10 M

1. Give the characteristics of Earth.
2. Write note on lithosphere.
3. Give information about Moon.

Q.4. Attempt the following questions. (Any Two)

10M

1. Give the properties of Earth.
2. How atmosphere is created describe it.
3. Write note on Mercury.

Q.5 Attempt the following question. (Any Two)

10M

1. What is Hydrosphere?
2. Write note on origin of life on Earth.
3. Write note on Venus.

Bachelor of Science Examination Nov. / Dec.-2025 (NEP-2020)

Day & Date	Class /Sem.	Subject Name	Time	Subject Code	Marks
13/12/2025	B.Sc. I/I Sem	OEC Evolution of earth and universe	11.00 AM To 01.00 PM	10410711	50M

Instructions: 1. Draw neat & labeled diagram if necessary

2. All questions are compulsory.

Q.1. Answer the following questions. (Any Five)

10 M

1. Define universe.
2. Write note on Gaseous Hypothesis.
3. Explain formation of Star.
4. Explain formation of galaxies.
5. Write note on Planetsimal hypothesis.
6. Give the list of theories related to the origin of universe

Q.2. Attempt the following questions. (Any Two)

10 M

1. Write note on Nebular Hypothesis.
2. Explain Binary Theory (Planetsimal theory).
3. Write note on Steady State Theory and Tidal Theory.

Q.3. Attempt the following questions. (Any Two)

10 M

1. Give the characteristics of Earth.
2. Write note on lithosphere.
3. Give information about Moon.

Q.4. Attempt the following questions. (Any Two)

10M

1. Give the properties of Earth.
2. How atmosphere is created describe it.
3. Write note on Mercury.

Q.5 Attempt the following question. (Any Two)

10M

1. What is Hydrosphere?
2. Write note on origin of life on Earth.
3. Write note on Venus.

Bachelor of Science Examination March / April -2026(NEP-2024)

Day & Date	Class /Sem.	Subject Name	Time	Subject Code	Marks
Wednesday 01/04/2026	B.Sc. I/I Sem Repeater	OEC Evolution of earth and universe	2.00Pm to 4.00Pm	10410711	50M

Instructions: 1. Draw neat & labeled diagram if necessary
 2. All questions are compulsory.

Q.1. Answer the following questions. (Any Five)

10 M

1. Which planet is closest to the Sun?
a) Earth b) Venus
c) Mercury d) Mars
2. Which planet is known as the "Red Planet"?
a) Jupiter b) Mars
c) Saturn d) Venus
3. What is the largest planet in our solar system?
a) Saturn b) Earth
c) Jupiter d) Neptune
4. The path a planet takes around the Sun is called its:
a) Axis b) Rotation
c) Orbit d) Gravity
5. Which planet is known for its prominent, beautiful rings?
a) Jupiter b) Saturn
c) Uranus d) Mars
6. Which of these is NOT a planet?
a) Pluto b) Venus
c) Mars d) Mercury
7. How many planets are there in our solar system?
a) 7 b) 8
c) 9 d) 10
8. Which planet is known as the "Morning Star" or "Evening Star"?
a) Mars b) Mercury
c) Venus d) Jupiter
9. The earth revolves around the sun in:
a) 24 hours b) 30 days
c) 365.25 days d) 12 hours

10. What is at the center of our solar system?

- a) The Earth b) The Moon
- c) The Sun d) Jupiter

Q.2. Attempt the following questions. (Any Two)

10 M

1. Write note on Nebular Hypothesis.
2. Describe big bang theory.
3. Write note on Neptune.

Q.3. Attempt the following questions. (Any Two)

10 M

1. Give the characteristics of Earth.
2. Write note on lithosphere.
3. Give information about position of Earth.

Q.4. Attempt the following questions. (Any Two)

10M

1. Give the properties of Earth.
2. Give the components of atmosphere.
3. Write note on Uranus.

Q.5 Attempt the following question. (Any Two)

10M

1. Give the list of theories related to the origin of universe.
2. Write note on Tidal theory.
3. Explain Steady State Theory.
4. Explain formation of Star.
5. Define Universe.
6. Write note on Saturn.

Bachelor of Science Examination Nov. / Dec.-2025 (NEP-2020)

Day & Date	Class /Sem.	Subject Name	Time	Subject Code	Marks
11/12/2025	B.Sc. I/I	OEC Evolution of earth and universe	11.00 AM To 01.00 PM	10410711	50M

Instructions: 1. Draw neat & labeled diagram if necessary

2. All questions are compulsory.

Q.1. Answer the following questions. (Any Five)

10 M

1. Give the list of theories related to the origin of universe.
2. Write note on Tidal theory.
3. Explain Steady State Theory.
4. Explain formation of Star.
5. Define Universe.
6. Write note on Saturn.

Q.2. Attempt the following questions. (Any Two)

10 M

1. Write note on Nebular Hypothesis.
2. Describe big bang theory.
3. Write note on Neptune.

Q.3. Attempt the following questions. (Any Two)

10 M

1. Give the characteristics of Earth.
2. Write note on lithosphere.
3. Give information about position of Earth.

Q.4. Attempt the following questions. (Any Two)

10M

1. Give the properties of Earth.
2. Give the components of atmosphere.
3. Write note on Uranus.

Q.5 Attempt the following question. (Any Two)

10M

1. Give the components of Hydrosphere.
2. Write note on origin of life on Earth.
3. Write note on Mars.

Bachelor of Science Examination March /April .-2026 (NEP-2024)

Day & Date	Class /Sem.	Subject Name	Time	Subject Code	Marks
Monday 30/03/2026	B.Sc. I/I (Repeater)	SEC Leadership and development Program	2.00Pm to 4.00Pm	10732101	50M

Instructions: 1. Draw neat & labeled diagram if necessary

2. All questions are compulsory.

Q.1. Answer the following questions. (Any seven) 14 M

- 1 What are the features of Leadership?.
2. Write a note on styles of Leadership?
3. What are the benefits of Leadership behaviour?
4. Define Leadership succession?
5. Write a note on Contemporary Leadership Styles?
6. What is mean by Leadership Behaviors?
7. Which skill is essential for Leadership Development ?
8. What is the vision of Leadership?
9. What is the casual model of leadership?

Q.2. Attempt the following questions. (Any Two) 12 M

1. Describe the Traits of Leadership Fundamentals.?
2. Write a note on essential qualities of effective followers?
3. Describe general characteristics of Leadership Development Strategies?

Q.3. Attempt the following questions. (Any Three) 12 M

1. Define traits of Leadership?
2. What is the vision of Leadership?
3. Explain types of Development Strategies?
4. Difference between Leadership and Followers?

Q.4. Attempt the following questions. (Any Three)

1. Describe International Framework for Analyzing Leadership?
2. Write a note on Styles of Leadership?
3. Describe Personality Types of Leadership?
4. What are the features of Leadership?

12 M

Bachelor of Science Examination Nov. / Dec.-2025 (NEP-2020)

Day & Date	Class /Sem.	Subject Name	Time	Subject Code	Marks
Friday 12/12/2025	B.Sc. I/I Sem	SEC Leadership and development Program	11.00 AM To 01.00 PM	10732101	50M

Instructions: 1. Draw neat & labeled diagram if necessary

2. All questions are compulsory.

Q.1. Answer the following questions. (Any seven) 14 M

1. Which skill is essential for Leadership Development?
2. Write a note on styles of Leadership?
3. What are the benefits of Leadership behaviour?
4. Define Leadership succession?
5. Write a note on Contemporary Leadership Styles?
6. What is mean by Leadership Behaviors?
7. What are the features of Leadership?
8. What is the vision of Leadership?
9. What is the casual model of leadership?

Q.2. Attempt the following questions. (Any Two) 12 M

1. Describe International Framework for Analyzing Leadership?
2. Write a note on Styles of Leadership?
3. Describe general characteristics of Leadership Development Strategies?

Q.3. Attempt the following questions. (Any Three) 12 M

1. Define traits of Leadership?
2. What is the vision of Leadership?
3. Explain types of Development Strategies?
4. Difference between Leadership and Followers?

Q.4. Attempt the following questions. (Any Three) 12 M

1. Describe the Traits of Leadership Fundamentals.?
2. Write a note on essential qualities of effective followers?
3. Describe Personality Types of Leadership?
4. What are the features of Leadership?

Bachelor of Science Examination March /April .-2026 (NEP-2024)

Day & Date	Class (Sem.)	Subject Name	Time	Subject Code	Marks
Thursday 02/04/2026	B.Sc. I/I Repeater	AEC English for Academic Writing	2.00Pm to 4.00Pm	10810111	50M

Instructions: 1. Read all questions carefully before answering.

2. Write your answers clearly.

3. All questions are compulsory

Q.1. Do as directed: (Any Seven)

14 M

- 1) The furniture of the house quite impressive. (is / are) (Subject-Verb Agreement)
- 2) The people..... lived without electricity for many years. (has/have)
(Subject-Verb Agreement)
- 3) Neither Priya nor Riya gone to work. (has/have) (Subject-Verb Agreement)
- 4) Write antonyms of : a) Arrive b) Deep
- 5) Write synonyms of: a) happy b) modern
- 6) Write any two examples of suffixes: -ly, -tion.
- 7) Write any two examples of prefixes: un-, mis-
- 8) I can't decide to go out or stay in (weather / whether) (Use proper homophone)
- 9) I was really hungry so I ate the..... cake!" (whole/hole) (Use proper homophone)
- 10) She took a from work to relax (break / brake) (Use proper homophone)

Q.2. Attempt the following questions: (Any Two)

12 M

- 1) Discuss how “Lawley Road” highlights the absurdities of bureaucracy.
- 2) Examine the theme of absent-mindedness in the story
- 3) Skimming and scanning.

Q.3. Attempt the following questions: (Any Three)

12 M

- 1) Write a letter of request about issuing attendance certificate.
- 2) Write a letter to your Principal seeking permission to attend a family function. (Leave Note) .
- 3) Write an e-mail to thank you your friend for support & guidance..

4) Write an Enquiry letter to M/s, Saraswati Book Store, Solapur about availability of B.Sc- I year Sem-I books.

Q.4. Attempt the following questions:

(Any Three)

12 M

- 1) Write an e-mail congratulating your friend on her bright success.
- 2) Write a complaint letter regarding defective product received.
- 3) Introduce Yourself.
- 4) Read the passage below and it in your own words:

Bees play a crucial role in our ecosystem, primarily through pollination. As they fly from flower to flower collecting nectar and pollen, they transfer pollen grains, enabling plants to reproduce. This process is vital for the production of many fruits, vegetables, and nuts that form a significant part of the human diet. Beyond food crops, bees also pollinate wild plants, contributing to biodiversity and supporting other wildlife. However, bee populations worldwide are facing severe threats. Habitat loss due to urbanization and intensive farming practices reduces their food sources and nesting sites. The widespread use of pesticides, particularly neonicotinoids, directly harms bees, impairing their navigation and immune systems. Climate change also disrupts flowering patterns, making food sources unpredictable. Diseases and parasites, such as the Varroa mite, further weaken bee colonies. Protecting bees requires a multi-faceted approach, including creating bee-friendly habitats, reducing pesticide use, and supporting sustainable agricultural practices.

.....All the Best.....

Day & Date	Class (Sem.)	Subject Name	Time	Subject Code	Marks
Monday 15/ 12 /2025	B.Sc. I/I Sem	AEC English for Academic Writing	11.00 AM To 01.00 PM	10810111	50M

Instructions:1. Read all questions carefully before answering.

2. Write your answers clearly.

3. All questions are compulsory

Q.1. Do as directed: (Any Seven) 14 M

- 1) The furniture of the house quite impressive. (is / are) (Subject-Verb Agreement)
- 2) The people..... lived without electricity for many years. (has/have)
(Subject-Verb Agreement)
- 3) Neither Priya nor Riya gone to work. (has/have) (Subject-Verb Agreement)
- 4) Write antonyms of : a) Arrive b) Deep
- 5) Write synonyms of: a) happy b) modern
- 6) Write any two examples of suffixes: -ly, -tion.
- 7) Write any two examples of prefixes: un-, mis-
- 8) I can't decide to go out or stay in (weather / whether) (Use proper homophone)
- 9) I was really hungry so I ate the..... cake!" (whole/hole) (Use proper homophone)
- 10) She took a from work to relax (break / brake) (Use proper homophone)

Q.2. Attempt the following questions: (Any Two)

12 M

- 1) Discuss how “Lawley Road” highlights the absurdities of bureaucracy.
- 2) Examine the theme of absent-mindedness in the story
- 3) Skimming and scanning.

Q.3. Attempt the following questions: (Any Three)

12 M

- 1) Write a letter of request about issuing attendance certificate.
- 2) Write a letter to your Principal seeking permission to attend a family function.
(Leave Note) .
- 3) Write an e-mail to thank you your friend for support & guidance..

4) Write an Enquiry letter to M/s, Saraswati Book Store, Solapur about availability of B.Sc- I year Sem-I books.

Q.4. Attempt the following questions:

(Any Three)

12 M

- 1) Write an e-mail congratulating your friend on her bright success.
- 2) Write a complaint letter regarding defective product received.
- 3) Introduce Yourself.
- 4) Read the passage below and it in your own words:

Bees play a crucial role in our ecosystem, primarily through pollination. As they fly from flower to flower collecting nectar and pollen, they transfer pollen grains, enabling plants to reproduce. This process is vital for the production of many fruits, vegetables, and nuts that form a significant part of the human diet. Beyond food crops, bees also pollinate wild plants, contributing to biodiversity and supporting other wildlife. However, bee populations worldwide are facing severe threats. Habitat loss due to urbanization and intensive farming practices reduces their food sources and nesting sites. The widespread use of pesticides, particularly neonicotinoids, directly harms bees, impairing their navigation and immune systems. Climate change also disrupts flowering patterns, making food sources unpredictable. Diseases and parasites, such as the Varroa mite, further weaken bee colonies. Protecting bees requires a multi-faceted approach, including creating bee-friendly habitats, reducing pesticide use, and supporting sustainable agricultural practices.

.....All the Best.....

Bachelor of Science Examination March /April

Day & Date	Class/Sem.	Subject Name	Time	Subject Code	Max. Marks
Tuesday 07/04/2026	B.Sc.-I/I Repeater	Introduction to Indian Constitution (VEC)	2.00Pm To 4.00Pm	10952111	50 M

Instruction: 1. Draw neat & labeled diagram if necessary.

2. All questions are compulsory.

Q.1. Answer the following (Any Seven)

14 M

- 1) Define Philosophy of Constitution.
- 2) Types of Main Features of Indian Constitution.
- 3) Define Secularism.
- 4) Define Constitution.
- 5) Define Constitutional Morality.
- 6) Define Federalism.
- 7) Define Independent Judiciary.
- 8) Define Parlimentary Democracy.
- 9) Protects Fundamental Rights.

Q.2. Attempt the following (Any Two)

12 M

- 1) Explain meaning of constitutional morality.
- 2) Describe constitution as a source of public policy.
- 3) Describe federalism & Secularism.

Q.3 Attempt the following. (Any Three)

12 M

- 1) Describe challenges to constitutional morality.
- 2) Describe government of India act 1935.
- 3) Describe main features of Indian constitution.

Q.4 Attempt the following. (Any Three)

12 M

- 1) Describe key elements of constitutional morality
- 2) Describe preamble to the Indian constitution.
- 3) Explain why do we need a constitution..
- 4) Explain historical background to the framing of indian constitution.

Bachelor of Science Examination Dec-2025

Day & Date	Class/Sem.	Subject Name	Time	Subject Code	Max. Marks
Wednesday, 17/12/20225	B.Sc.-I/I	Introduction to Indian Constitution (VEC)	11:00 Am to 01:00 Pm	10952111	50 M

**Instruction: 1. Draw neat & labeled diagram if necessary.
2. All questions are compulsory.**

Q.1. Answer the following (Any Seven)

14 M

- 1) Define Constitution.
- 2) Define Constitutional Morality.
- 3) Define the Structure of Government.
- 4) Define Federalism.
- 5) Define Independent Judiciary.
- 6) Define Parliamentary Democracy.
- 7) Define Secularism.
- 8) Define Philosophy of Constitution.
- 9) Types of Main Features of Indian Constitution.
- 10) Protects Fundamental Rights.

Q.2. Attempt the following (Any Two)

12 M

- 1) Explain why do we need a constitution..
- 2) Explain historical background to the framing of indian constitution.
- 3) Explain meaning of constitutional morality.

Q.3 Attempt the following. (Any Three)

12 M

- 1) Describe challenges to constitutional morality.
- 2) Describe government of India act 1935.
- 3) Describe relevance of constitutional morality today
- 4) Describe main features of Indian constitution.

Q.4 Attempt the following. (Any Three)

12 M

- 1) Describe key elements of constitutional morality
- 2) Describe preamble to the Indian constitution.
- 3) Describe constitution as a source of public policy.
- 4) Describe federalism & Secularism.

Bachelor of Science Examination March /April -26 (NEP-2024)

Day & Date	Class /Sem.	Subject Name	Time	Subject Code	Marks
Monday 06/04/2026	B.Sc. I/I Repeater	Inception of Indian Knowledge System	2.00Pm to 4.00Pm	11051111	50M

Instructions: 1. Draw neat & labeled diagram if necessary
 2. All questions are compulsory.

Q.1. Answer the following questions. (Any Five) 10 M

- 1) Explain the concept of life science in Plant, Medicine, Anatomy and Microbiology.
- 2) Write note on ship building.
- 3) Write down scope of IKS.
- 4) Write a note on Cave Architecture?
- 5) Write a note on basic knowledge of IKS.
- 6) Explain political organization & social structure of Vedic Civilization.
- 7).Write note on painting and Music.

Q.2. Attempt the following questions. (Any Two) 10 M

- 1) Write note on Bhimbetka Rock Shelters(Madhya Pradesh).
- 2) Define Archaeology.
- 3) Write a note on Pottery and Ceramics.

Q.3. Attempt the following questions. (Any Two) 10 M

- 1) Explain Religious Beliefs and Practices.
- 2) Write a note on Historic Evidence of IVS?
- 3) Explain silk industry.
- 4) Write scope of IKS?

Q.4. Attempt the following questions. (Any Two) 10M

- 1) Write note on Architecture and Settlement patterns.
- 2) Write a note on Shad Darshan.
- 3) Explain Cotton industry.

Q.5. Attempt the following question. (Any Two) 10M

- 1) Explain social structure.
- 2) Explain Indus Valley Civilization.
- 3) Write note on Agricultural Engineering.

Bachelor of Science Examination Nov. / Dec.-2025 (NEP-2020)

Day & Date	Class /Sem.	Subject Name	Time	Subject Code	Marks
Tuesday 16/ 12 /2025	B.Sc. I/I	Inception of Indian Knowledge System	11.00 AM To 01.00 PM	11051111	50M

Instructions: 1. Draw neat & labeled diagram if necessary

2. All questions are compulsory.

Q.1. Answer the following questions. (Any Five)

10 M

- 1) Write note on Bhimbetka Rock Shelters(Madhya Pradesh).
- 2) Define Archaeology.
- 3) Write a note on Pottery and Ceramics.
- 4) Write a note on Cave Architecture?
- 5) Explain social structure.
- 6) Explain Indus Valley Civilization.
- 7) Write note on Agricultural Engineering.

Q.2. Attempt the following questions. (Any Two)

10 M

- 1) Explain the concept of life science in Plant, Medicine, Anatomy and Microbiology.
- 2) Write note on ship building.
- 3) Write down scope of IKS.

Q.3. Attempt the following questions. (Any Two)

10 M

- 1) Explain Religious Beliefs and Practices.
- 2) Write a note on Historic Evidence of IVS?
- 3) Explain silk industry.

Q.4. Attempt the following questions. (Any Two)

10M

- 1) Write note on Architecture and Settlement patterns.
- 2) Write a note on Shad Darshan.
- 3) Explain Cotton industry.

Q.5. Attempt the following question. (Any Two)

10M

1. Write a note on basic knowledge of IKS.
2. Explain political organization & social structure of Vedic Civilization.
3. Write scope of IKS?