Roll No. [ ]

Total No. of Questions : 07

Total No. of Pages : 02

B.Com. (Hons.) / BA(JAMC) / BHMCT / B.Sc. (FD/ MLS) / BBA (SIM) / BBA / BTTM (Sem.–2)

ENVIRONMENTAL STUDIES

Subject Code : EVS-102-18

M.Code : 75831

Date of Examination : 05-05-2025

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. Attempt ALL questions in SECTION-A, Each question carry 2 marks
2. Attempt any FOUR questions from SECTION-B, Each question carry 10 marks.

SECTION - A

1. Answer all parts of the question :

   a) Define biomes.

   b) Define ecological succession.

   c) What is meant by food chain?

   d) List any four air pollutants which affect materials.

   e) What are the causes of soil erosion?

   f) List any two major global effects of air pollution.

   g) Name any two methods of wasteland reclamation.

   h) What is meant by desertification?

   i) How does acid rain occur?

   j) What are GHGs? Name any four GHGs in the descending order of their global warming potential.

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SECTION - B

2. Critically examine how environmental benign is the various alternate energy resources?

3. Explain the energy flow in a typical marine ecosystem.

4. Discuss the uses, functions and values of forest resources. List the causes and effects .of its degradation.

5. Consider India as a mega biodiversity nation; explain the biogeographical regions of India and its biodiversity hot spots.

6. ***"Increasing sea level and climate change are major impacts of environmental pollution"*** Discuss the various global effects.

7. List and contrast the major environmental problems in urban and rural areas. Suggest remedial measures.

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Total No. of Pages : 02

Total No. of Questions : 07

B.Com (Hons) / BA(JAMC) / BHMCT / B.Sc.(BT) / FD / MLS / BBA / BTTM (Sem.–2)

ENVIRONMENTAL STUDIES

Subject Code : EVS-102-18

M.Code : 75831

Date of Examination : 18-12-2025

Time : 3 Hrs. Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. Attempt ALL questions in SECTION-A, Each question carry 2 marks.
2. Attempt any FOUR questions from SECTION-B, Each question carry 10 marks.

SECTION-A

1. **Answer briefly :**

   a) Biodiversity

   b) Renewable energy

   c) Air pollution

   d) Ecosystem

   e) Reason of deforestation.

   f) Climate change

   g) Global warming

   h) Causes of floods.

   i) Noise Pollution

   j) Sources of water pollution.

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SECTION - B

2. Discuss the types, causes and effects of Soil pollution.

3. What are global environmental hazards? Discuss their major causes and preventive measures with examples.

4. Discuss the importance of natural resources. Compare renewable and non-renewable resources and suggest ways to conserve them.

5. Explain the concept of natural disasters. Discuss the causes, effects and management strategies for such disasters.

6. Define the ecosystem and briefly explain its structure and functions.

7. Write a short note on Forest Conservation Act.

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Total No. of Questions : 05

B.Com.(Hons.)/BA(JAMC)/BHMCT/B.Sc.(Hons.)(Nutrition and Dietetics)/(AI & ML)(BT)/(FD)(G&WD)(IT)/(MLS)/B.Voc. (Beauty Therapy and Asthetics)/BTTM/BBA/ (Sem.–1)

ENGLISH

Subject Code : BTHU103-18

M.Code : 75085

Date of Examination: 03-01-2026

Time : 3 Hrs. Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. All questions are COMPULSORY.
2. Q1, Q2 and Q3 carry TEN marks each.
3. Q4 and Q5 carry FIFTEEN marks each

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1. Define Communication. Discuss in detail, the theory of Communication.

2. **Write notes on the following:**

   a) Personal, Social and Business communication.

   b) Intra-personal, Inter-personal and Group Communication.

3. **Paraphrase the following:**

   In recent years, there has been a growing trend towards sustainable living practices as individuals and communities strive to reduce their environmental footprint. This shift towards sustainability encompasses various lifestyle changes, including recycling, composting, energy conservation and eco-friendly transportation options. Additionally, there is increasing interest in renewable energy sources such as solar and wind power, as well as initiatives to promote local food production and minimize waste generation. Sustainable living not only benefits the environment but also contributes to improved public health and economic resilience by fostering resource efficiency and reducing reliance on finite resource.

4. Write a report on the impact of social media on mental health among teenagers.

5. **On the basis of your reading of the following paragraph, answer the questions:**

The rise of Artificial Intelligence (AI) has led to significant advancements in various industries, from healthcare to finance and transportation. AI technologies, powered by machine learning algorithms, can analyze vast amounts of data and make predictions or decisions with, remarkable accuracy and efficiency. In healthcare, AI has been employed to diagnose diseases, personalize treatment plans, and improve patient outcomes. In finance, AI algorithms can analyze market trends, detect fraud, and optimize investment strategies. Similarly, in transportation, AI-driven systems enable autonomous vehicles to navigate roads safely and efficiently, paving the way for the future of mobility. Despite the numerous benefits AI offers, concerns have been raised regarding its potential impact on employment, privacy and ethical considerations.

Answer the questions:

a) How has Artificial Intelligence (AI) benefited various industries mentioned in the paragraph?

b) What role do machine learning algorithms play in AI technologies?

c) Provide examples of how AI is utilized in healthcare, finance, and transportation?

d) What are some potential concerns associated with the widespread adoption of AI?

e) Write the meaning of the words: autonomous and navigate.

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