

# GATE 2026 XH Question Paper

Time Allowed :3 Hour	Maximum Marks :100	Total Questions :65
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## General Instructions

Please read the following instructions carefully:

1. This question paper is divided into three sections:
  - **General Aptitude (GA):** 10 questions (5 questions  $\times$  1 mark + 5 questions  $\times$  2 marks) for a total of 15 marks.
  - **Environmental Science and Engineering + Engineering Mathematics:**
    - **Part A (Mandatory):** 36 questions (1 questions  $\times$  1 mark + 19 questions  $\times$  2 marks) for a total of 55 marks.
    - **Part B (Section 1):** Candidates can choose either Part B1 (Surveying and Mapping) or Part B2 (Section 2). Each part contains 16 questions (8 questions  $\times$  1 mark + 11 questions  $\times$  2 marks) for a total of 30 marks.
2. The total number of questions is **65**, carrying a maximum of **100 marks**.
3. The duration of the exam is **3 hours**.
4. Marking scheme:
  - For 1-mark MCQs,  $\frac{1}{3}$  mark will be deducted for every incorrect response.
  - For 2-mark MCQs,  $\frac{2}{3}$  mark will be deducted for every incorrect response.
  - No negative marking for numerical answer type (NAT) questions.
  - No marks will be awarded for unanswered questions.
5. Ensure you attempt questions only from the optional section (Part B1 or Part B2) you have selected.
6. Follow the instructions provided during the exam for submitting your answers.

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1. In microeconomics, opportunity cost refers to:

- (A) Total cost of production
- (B) Accounting cost
- (C) Cost of the next best alternative forgone
- (D) Marginal cost

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2. Which of the following is an example of a metaphor?

- (A) He runs like a cheetah
  - (B) The classroom was noisy
  - (C) Time is a thief
  - (D) She is very intelligent
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**3. According to Emile Durkheim, the concept of anomie refers to:**

- (A) Social harmony
  - (B) Normlessness in society
  - (C) Class conflict
  - (D) Cultural diffusion
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**4. Which part of the brain is primarily responsible for memory and learning?**

- (A) Medulla
  - (B) Hypothalamus
  - (C) Cerebellum
  - (D) Hippocampus
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**5. The concept of separation of powers is most closely associated with:**

- (A) Karl Marx
  - (B) John Locke
  - (C) Montesquieu
  - (D) Jean-Jacques Rousseau
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**6. Which school of philosophy emphasizes that knowledge comes primarily from sensory experience?**

- (A) Rationalism
  - (B) Idealism
  - (C) Empiricism
  - (D) Existentialism
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**7. The Indus Valley Civilization is also known as:**

- (A) Vedic Civilization
- (B) Harappan Civilization
- (C) Mesopotamian Civilization
- (D) Egyptian Civilization

