

GATE 2026 GG Question Paper with Solutions

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

Please read the following instructions carefully:

- 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.
- The total number of questions is **65**, carrying a maximum of **100 marks**.
- The duration of the exam is **3 hours**.
- 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.
- Ensure you attempt questions only from the optional section (Part B1 or Part B2) you have selected.
- Follow the instructions provided during the exam for submitting your answers.

1. The angle between the strike line and the true dip direction of a bed is:

- (A) 0°
- (B) 30°
- (C) 45°
- (D) 90°

2. Which one of the following minerals belongs to the cubic (isometric) crystal system?

- (A) Quartz
 - (B) Orthoclase
 - (C) Galena
 - (D) Gypsum
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3. Which texture is characteristic of rapidly cooled volcanic rocks?

- (A) Pegmatitic
 - (B) Phaneritic
 - (C) Porphyritic
 - (D) Aphanitic
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4. Which fossil group is commonly used as an index fossil of the Mesozoic era?

- (A) Trilobites
 - (B) Brachiopods
 - (C) Ammonites
 - (D) Graptolites
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5. Which geophysical method is most suitable for locating groundwater aquifers?

- (A) Magnetic method
 - (B) Gravity method
 - (C) Electrical resistivity method
 - (D) Seismic refraction method
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6. The oldest rock system in the Indian stratigraphic succession is:

- (A) Dharwar Supergroup
- (B) Vindhyan Supergroup
- (C) Cuddapah Supergroup

(D) Gondwana Supergroup

7. Which geomorphic process is primarily responsible for the formation of sand dunes?

- (A) Fluvial action
 - (B) Glacial action
 - (C) Aeolian action
 - (D) Marine action
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