

CBSE Class 12 Engineering Graphics Question Paper 2026 (Memory Based)

General Instructions

1. The question paper consists of six sections — Section A to Section F.
2. Time allowed is **3 hours 15 minutes** and the maximum marks are **90**.
3. All questions are compulsory unless otherwise stated.
4. Section A contains Multiple Choice Questions (MCQs). Choose the correct answer from the given options.
5. Section B includes:
 - True/False questions
 - Fill in the blanks
 - Very short answer questions (one or two words)
6. Section C contains short answer type questions.
7. Section D contains long descriptive questions with internal choices.
8. Section E contains long answer questions. Attempt the required number as instructed.
9. Section F consists of Map Work. Mark and label the places correctly on the outline map of India.
10. Figures to the right indicate full marks for each question.
11. Write neatly and draw diagrams wherever necessary.
12. Write answers only in the space provided or as instructed.

1. A thread with vertical and parallel flanks is called

- (A) Square thread
- (B) Triangular thread
- (C) Knuckle thread
- (D) V-thread

2. The length of the metal end of a plain stud of diameter 30 mm is

- (A) 10 mm
- (B) 24 mm

- (C) 30 mm
 - (D) 66 mm
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3. The projections which are mostly used in the design process of this product is

- (A) Perspective projection and oblique projection
 - (B) Isometric projection and orthographic projection
 - (C) Perspective projection and axonometric projection
 - (D) Oblique projection and multi-view projection
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4. Cylinder and hemisphere are examples of

- (A) Solids of revolution
 - (B) Tetrahedron
 - (C) Solids of sectioning
 - (D) Polyhedron
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5. Grub screws are also known as

- (A) Counter sunk head screw
 - (B) Pan head screw
 - (C) Headless screw
 - (D) Threadless screw
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6. Why grub screws are used to hold sleeve on a shaft?

- (A) To reduce the misalignment of shaft.
 - (B) To prevent the relative motion.
 - (C) To reduce the production cost.
 - (D) To prevent the leakage of joint.
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