

Placement practice

Questions 1 to 5 of 15 | Original AISEA starter pack

Allow about 20 minutes for all 15 questions. Choose one answer per question. Award one point per correct answer, with no deduction for wrong or skipped answers.

Introductory practice, not an official company paper or a prediction of placement outcomes.

01 A college invites 240 students to a workshop. If 35% register, how many students register?

- A. 72
C. 96
B. 84
D. 156

Your answer: _____

02 A kit costs Rs. 1,500 before a discount. A 20% discount is applied, then 10% tax is charged on the discounted price. What is the final price?

- A. Rs. 1,200
C. Rs. 1,320
B. Rs. 1,290
D. Rs. 1,350

Your answer: _____

03 Two groups share 64 workbooks in the ratio 3:5. How many workbooks does the smaller group receive?

- A. 24
C. 40
B. 32
D. 48

Your answer: _____

04 A printer produces 180 booklets in 6 hours at a constant rate. With no breaks, how long will it take to produce 450 booklets at the same rate?

- A. 12 hours
C. 18 hours
B. 15 hours
D. 20 hours

Your answer: _____

05 Each term is obtained by doubling the previous term and adding 1. What comes next: 4, 9, 19, 39, 79, ...?

- A. 149
C. 169
B. 159
D. 179

Your answer: _____

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Questions 6 to 10 of 15 | Original AISEA starter pack

06 All tutors are mentors. No mentors are visitors. Which conclusion must follow from these statements?

- A. All visitors are tutors.
- B. Some tutors are visitors.
- C. No tutors are visitors.
- D. All mentors are tutors.

Your answer: _____

07 Starting at a gate, Mira walks 6 metres east and then 8 metres north. What is the straight-line distance from the gate to her final position?

- A. 2 metres
- B. 10 metres
- C. 14 metres
- D. 48 metres

Your answer: _____

08 Asha, Ben and Cyra are the only three people in a queue. Asha is ahead of Ben, and Ben is ahead of Cyra. Who is first?

- A. Asha
- B. Ben
- C. Cyra
- D. It cannot be determined.

Your answer: _____

09 Choose the word that completes the sentence correctly: The list of workshop topics ___ on the noticeboard.

- A. are
- B. were
- C. is
- D. have

Your answer: _____

10 Notice: 'Monday's workshop will begin at 3 pm instead of 2 pm. The venue remains Hall B.' Which statement is directly supported by the notice?

- A. The workshop has been cancelled.
- B. The workshop starts one hour later in the same hall.
- C. The workshop has moved to Hall C.
- D. The workshop will last one hour.

Your answer: _____

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Questions 11 to 15 of 15 | Original AISEA starter pack

11 Which word is closest in meaning to 'concise' in the sentence 'Please write a concise summary'?

- A. Vague
- B. Lengthy
- C. Careless
- D. Brief

Your answer: _____

12 Which sentence has correct subject and verb agreement?

- A. Each of the participants has a workbook.
- B. Each of the participants have a workbook.
- C. Each of the participants are given a workbook.
- D. Each of the participants were ready.

Your answer: _____

13 Which algorithm searches a sorted array by repeatedly halving the remaining search range?

- A. Linear search
- B. Bubble sort
- C. Binary search
- D. Selection sort

Your answer: _____

14 A table named students has three rows. One row has NULL in its name column. What does SELECT COUNT(*) FROM students return?

- A. 0
- B. 1
- C. 2
- D. 3

Your answer: _____

15 An empty FIFO queue receives 10, then 20. One item is removed. Then 30 is added and another item is removed. What is the second item removed?

- A. 10
- B. 20
- C. 30
- D. The queue is empty.

Your answer: _____

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