

Kerala High Court - Office Attendant

Mental Ability | 15 Questions with Answers & Explanations

Format: MCQ, 4 options each, 1 mark per question. Practice format - check the official notification for exact marks and negative marking.

PRACTICE QUESTIONS

Q1. Find the next number: 3, 6, 12, 24, 48, ?

- (A) 72
- (B) 84
- (C) 96
- (D) 108

Answer: (C) 96 - Each term is doubled: $48 \times 2 = 96$.

Q2. Doctor : Hospital :: Teacher : ?

- (A) Student
- (B) School
- (C) Book
- (D) Classroom

Answer: (B) School - A doctor works in a hospital; a teacher works in a school.

Q3. Find the odd one out: Apple, Mango, Potato, Banana

- (A) Apple
- (B) Mango
- (C) Potato
- (D) Banana

Answer: (C) Potato - Potato is a vegetable (root); the others are fruits.

Q4. If CAT is coded as DBU, how is DOG coded?

- (A) EPH
- (B) EOH
- (C) DPH
- (D) FQI

Answer: (A) EPH - Each letter moves one step forward: $D > E$, $O > P$, $G > H$.

Q5. Complete the series: A, C, E, G, ?

- (A) H
- (B) I
- (C) J
- (D) K

Answer: (B) I - Alternate letters (skip one): A, C, E, G, I.

Q6. Pointing to a man, Ravi says, "He is the son of my father's only sister." The man is Ravi's

- (A) Brother
- (B) Uncle
- (C) Cousin
- (D) Nephew

Answer: (C) Cousin - Father's sister's son is a cousin (maternal cousin).

Q7. A man walks 10 m east, turns right and walks 10 m, then turns right again and walks 10 m. How far and in which direction is he from the start?

- (A) 10 m North
- (B) 10 m South
- (C) 10 m East
- (D) 20 m South

Answer: (B) 10 m South - East, then South, then West. Net: 10 m south of the starting point.

Q8. Rahul ranks 8th from the top in a class of 30. What is his rank from the bottom?

- (A) 21
- (B) 22
- (C) 23
- (D) 24

Answer: (C) 23 - Rank from bottom = $30 - 8 + 1 = 23$.

Q9. What is the angle between the hands of a clock at 3:00?

- (A) 60 degrees
- (B) 75 degrees
- (C) 90 degrees
- (D) 120 degrees

Answer: (C) 90 degrees - Each hour mark = 30 degrees; $3 \times 30 = 90$ degrees.

Q10. If the 1st of a month is a Wednesday, what day is the 25th of that month?

- (A) Friday
- (B) Saturday
- (C) Sunday
- (D) Monday

Answer: (B) Saturday - 24 days later; $24 \bmod 7 = 3$; Wednesday + 3 = Saturday.

Q11. Find the next number: 2, 3, 5, 7, 11, ?

- (A) 12
- (B) 13
- (C) 15
- (D) 17

Answer: (B) 13 - Prime numbers in order; the next prime after 11 is 13.

Q12. If A = 1, B = 2, C = 3 and so on, what is the sum of the letter values of FACE?

- (A) 13
- (B) 14
- (C) 15
- (D) 16

Answer: (C) 15 - $F(6) + A(1) + C(3) + E(5) = 15$.

Q13. Statements: All pens are books. All books are bags. Which conclusion follows?

- (A) All pens are bags
- (B) All bags are pens
- (C) Some bags are not books
- (D) No pen is a bag

Answer: (A) All pens are bags - Pens are inside books and books are inside bags, so all pens are bags.

Q14. Ritu is taller than Sita, and Sita is taller than Gita. Who is the shortest?

- (A) Ritu
- (B) Sita
- (C) Gita
- (D) Cannot be determined

Answer: (C) Gita - Order: Ritu > Sita > Gita. Gita is shortest.

Q15. $2 : 8 :: 3 : ?$

- (A) 9
- (B) 18
- (C) 24
- (D) 27

Answer: (D) 27 - Number : Cube. $2 \text{ cubed} = 8$; $3 \text{ cubed} = 27$.

QUICK ANSWER KEY

No.	Ans	No.	Ans	No.	Ans
Q1	C	Q6	C	Q11	B
Q2	B	Q7	B	Q12	C
Q3	C	Q8	C	Q13	A
Q4	A	Q9	C	Q14	C
Q5	B	Q10	B	Q15	D

QUICK TIPS

Topic	Quick Tip
Number series	Check differences, ratios, squares, cubes and primes
Letter series / coding	Convert letters to numbers (A=1 ... Z=26); look for +/- shifts
Rank from bottom	Total - Rank from top + 1
Clock angle	$ 30H - 5.5M $ degrees
Days of the week	Find extra days using (days mod 7)
Direction sense	Draw a quick sketch; net displacement = start to end
Blood relations	Build a family tree; mark male/female
Syllogism	Draw Venn circles; accept only what is definitely true