Atlas Copco Logical Reasoning Placement Paper

1. What is the next number in the series: 2, 6, 12, 20, 30, ?

A) 40
B) 42
C) 44
D) 48

Answer: B) 42

2. If all books are pens, and some pens are chairs, which of the following is definitely true?

A) All books are chairs
B) Some books are chairs
C) No books are chairs
D) All pens are books

Answer: B) Some books are chairs

3. Which number should come next in the series: 5, 10, 20, 40, ?

A) 60
B) 80
C) 100
D) 120

Answer: B) 80

4. If the word "PROBLEM" is written as "MELBORP", how would you write the word "ATLAS"?

A) SALTA
B) SATLA
C) ALTAS
D) SATTLA

Answer: A) SALTA

5. Which of the following is the odd one out?

A) 7
B) 11
C) 13
D) 15

Answer: D) 15

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6. Find the missing number in the sequence: 1, 4, 9, 16, ?, 36

A) 20
B) 25
C) 28
D) 30

Answer: B) 25

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7. If A is coded as 1, B as 2, C as 3, and so on, what is the code for the word "LOGICAL"?

A) 12 15 7 9 3 1 12
B) 12 15 6 9 3 1 12
C) 13 16 6 8 3 1 15
D) 11 14 5 9 2 1 14

Answer: A) 12 15 7 9 3 1 12

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8. In a certain code, TEACHER is written as 2548137. What is the code for STUDENT?

A) 2897315
B) 7391582
C) 3892547
D) 1827596

Answer: C) 3892547

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9. If the day before yesterday was Sunday, what day will it be 100 days from today?

A) Sunday
B) Monday
C) Tuesday
D) Wednesday

Answer: C) Tuesday

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10. Which number will replace the question mark in the series: 3, 9, 27, 81, ?

A) 122
B) 145
C) 243
D) 162

Answer: C) 243

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11. In a family of six members P, Q, R, S, T, and U, T is the father of P. R is the brother of P. S is the mother of Q. U is the sister of R. How is Q related to T?

A) Son
B) Daughter
C) Nephew
D) Niece

Answer: B) Daughter

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12. Find the missing term: AB, DE, GH, ?

A) IJ
B) IJL
C) JH
D) JK

Answer: A) IJ

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13. What is the next letter in the series: A, C, F, J, O, ?

A) P
B) R
C) Q
D) S

Answer: A) P

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14. Which number completes the pattern: 3, 5, 11, 17, 23, ?

A) 31
B) 29
C) 33
D) 25

Answer: B) 29

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15. If all roses are flowers and some flowers are red, which of the following statements is true?

A) All roses are red
B) Some roses are red
C) No roses are red
D) Some roses are flowers

Answer: B) Some roses are red

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16. Which of the following figures is the odd one out?

A) Square
B) Circle
C) Rectangle
D) Cube

Answer: D) Cube

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17. If the word "EARTH" is written as "HTARE", how would you write "SOLAR"?

A) RALOS
B) ROLAS
C) RASOL
D) RALSO

Answer: D) RALSO

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18. In a certain code language, "CAT" is written as "XZR". How is "DOG" written in the same code?

A) WLR
B) WJR
C) XJR
D) WLS

Answer: A) WLR

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19. How many triangles are there in the given figure?

A) 8
B) 12
C) 10
D) 14

Answer: B) 12

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20. If the word "MAGNETIC" is written as "CITENGAM", how will you write "ATOMIC"?

A) CIMOTA
B) TOMICA
C) ACMITO
D) COTIMA

Answer: D) COTIMA

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21. What is the missing number in the sequence: 10, 20, 30, ?, 50, 60

A) 35
B) 40
C) 45
D) 42

Answer: B) 40

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22. If L is the father of M, M is the daughter of N, and N is the mother of O, how is L related to O?

A) Grandfather
B) Father
C) Uncle
D) Grandmother

Answer: A) Grandfather

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23. Find the odd one out: 15, 25, 35, 45, 50, 55

A) 15
B) 25
C) 35
D) 50

Answer: D) 50

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24. Which of the following is the opposite of "COSTLY"?

A) Cheap
B) Expensive
C) Luxurious
D) Affluent

Answer: A) Cheap

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25. What is the next number in the series: 1, 4, 9, 16, 25, ?

A) 30
B) 36
C) 42
D) 49

Answer: B) 36

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26. If 3 girls can complete a task in 8 hours, how long will it take for 12 girls to complete the same task?

A) 2 hours
B) 4 hours
C) 6 hours
D) 3 hours

Answer: A) 2 hours

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27. What comes next in the series: 8, 6, 10, 12, ?

A) 14
B) 18
C) 16
D) 22

Answer: C) 16

28. How many sides does a heptagon have?

A) 6
B) 7
C) 8
D) 9

Answer: B) 7

29. Which of the following is a type of reasoning used to draw a conclusion from a premise?

A) Deductive Reasoning
B) Inductive Reasoning
C) Both A and B
D) None of the Above

Answer: C) Both A and B

30. If a clock shows 6:30, what is the angle between the hour hand and minute hand?

A) 120 degrees
B) 135 degrees
C) 90 degrees
D) 150 degrees

Answer: B) 135 degrees