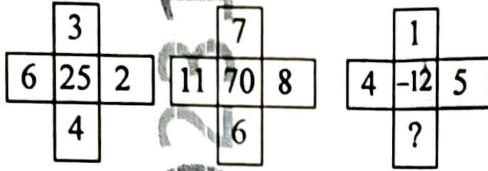


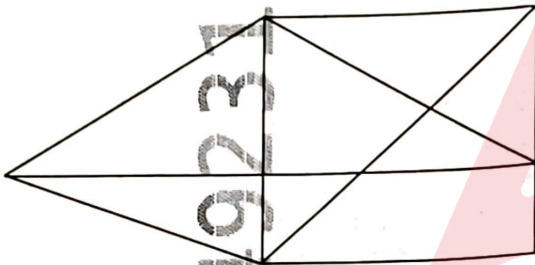
BPSA AEDO Paper 3 General Aptitude Question Paper 15 April 2026 (English)

1. Find the missing number '?' from among the given alternatives:



- (A) 1
- (B) 6
- (C) 2
- (D) 10

2. How many triangles are there in the following figure?



- (A) 12
- (B) 15
- (C) 14
- (D) 18

3. The correct mirror image of the given figure when the mirror is placed at MN as shown below, is:



- (A) TNEMEGDUJ-701
- (B) 701-TJNEMEGDUJ
- (C) 701-TNEWEGDUJ
- (D) 701-TNEWEGDUJ

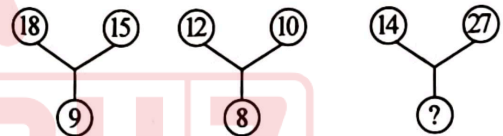
4. Find the odd one out from the given:

- (A) YRP
- (B) HML
- (C) KDB
- (D) JCA

5. Among 100 people, 40 people like tea while 58 people like coffee and 26 people like both tea and coffee, then the number of persons like neither tea nor coffee is:

- (A) 46
- (B) 32
- (C) 36
- (D) 28

6. Find the missing term



- (A) 11
- (B) 20
- (C) 9
- (D) 10

7. Find the next number in the series:

9, 20, 38, 65, _____

- (A) 113
- (B) 92
- (C) 103
- (D) 102



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8. Two statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follows from the statements :

Statements :

Some horses are not lions.

All horses are brown.

Conclusions :

- I. Some lions are brown
- II. Some horses being lion is a possibility
- (A) Only conclusion I follows
- (B) Only conclusion II follows
- (C) Neither conclusion I nor II follows
- (D) Both conclusions I and II follow

9. Three statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follows from the statements :

Statements :

All fruits are apples.

Some apples are tomatoes.

No apple is a guava.

Conclusions :

- I. No tomato is a guava.
- II. Some fruits are tomatoes.
- (A) Only conclusion I follows
- (B) Neither conclusion I nor II follows
- (C) Only conclusion II follows
- (D) Both conclusions I and II follow

10. In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements :

Statements :

All candies are chocolates.

Some chocolates are lollipops.

Conclusions :

- I. Some lollipops are not candies.
- II. Some chocolates are not candies.
- III. Some candies are chocolates.
- (A) Both conclusions II and III follow
- (B) Only conclusion III follows
- (C) Both conclusions I and III follow
- (D) All conclusion follows

11. Two statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follows from the statements :

Statements :

Some books are copies.

Some copies are diaries.

Conclusions :

- I. Some books are diaries.
- II. No copies are books.
- III. No diary is a book.
- (A) Only conclusion I follows
- (B) Only conclusions I and II follow
- (C) Only conclusions I and III follow
- (D) Either conclusion I or III follows

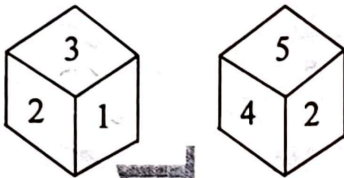


12. In the following question, select the missing number from the given series :

13 35 73 215 433 ?

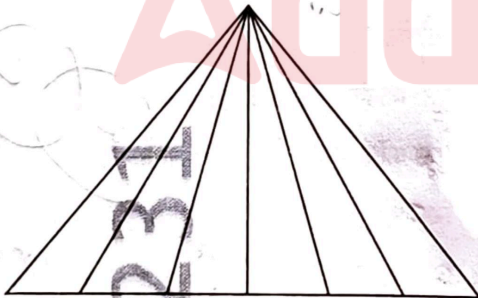
- (A) 1300
- (B) 869
- (C) 1295
- (D) 970

13. Two faces of a cube are given below. Which number will be opposite to 5?



- (A) 3
- (B) 4
- (C) 5
- (D) 1

14. How many triangles are there in the following figure?



- (A) 23
- (B) 22
- (C) 21
- (D) 20

15. The letters from A to Z are numbered from 1 to 26 respectively. If JKL=3366 and GHI=2367, then CDE is equal to

- (A) 1136
- (B) 1035
- (C) 937
- (D) 1293

16. Look at the series given below:

F2, _____, D8, C16, B32

What number should fill in the blank?

- (A) A16
- (B) E4
- (C) G4
- (D) E3

17. What is the value of X in the sequence

20, 10, 10, 15, 30, 75, X ?

- (A) 105
- (B) 150
- (C) 120
- (D) 225

18. MADAM : REBEL is encoded as MADAM : LEBER. Then MOTOR : CIVIC is encoded as

- (A) CIVIC : MOTOR
- (B) CIVIC : MOTOR
- (C) ROTOM : CIVIC
- (D) MOTOR : CIVIC



19. CRANE is encoded as ZIVMX, then KOZMV is decoded as
- (A) DRAIN
(B) SLATE
(C) STAIN
(D) PLANE
20. OWL is encoded as 513212; DOVE is encoded as 40512250, then CRAB is encoded as
- (A) 02208103
(B) 30200281
(C) 81302002
(D) 30811020
21. BAT is encrypted as 3, NEST is encrypted as 232, then possible decrypted text of 140 is
- (A) ADAMI
(B) MIMBI
(C) BABIM
(D) JIJB
22. ANT is encoded as ANT, BIRD is encoded as BDIR, MIAOU is encoded as AIMOU then RAPHEL is encoded as
- (A) AELPRH
(B) AEHPLR
(C) AHEPLR
(D) AEHLPR
23. AGENCY is encoded as 123456, BARLEY is encoded as 971846, LECLIN is encoded as 992034, then ABCLEY is encoded as in order as
- (A) 672944
(B) 672941
(C) 678941
(D) 678944
24. In a certain code '256' means 'you are beautiful', '589' means 'birds are lovely' and '254' means 'flowers are beautiful'. The digit in the code that indicate 'flower' is
- (A) 2
(B) 5
(C) 4
(D) 8
25. If NWPFPO is the code for MUMBAI, the CODE for SHIMLA is
- (A) TMQRH
(B) TJLQQG
(C) TMLQQG
(D) TKMQQH
26. 'HAMLET' is related to 'VILLAGE' in the same way as 'METROPOLIS' is related to
- (A) District
(B) City
(C) Tehsil
(D) Urban



27. Which indicates similar relationship as 'LOWER' has with 'WORLE'?
- (A) ENTRY:FDTRA
(B) AMONG:OMNAG
(C) WORDS:ROSWD
(D) GLAZE:AGLEZ
28. Which is not formed by multiplying two consecutive primes?
- (A) 143
(B) 323
(C) 221
(D) 391
29. VANILLA is related to BEAN as GINGER is related to
- (A) Stem
(B) Flower
(C) Root
(D) Fruit
30. A cube is painted red on all its faces and then cut into 27 smaller cubes of equal size. How many of the small cubes will have exactly two faces painted?
- (A) 8
(B) 18
(C) 12
(D) 24
31. A cube has numbers 1 to 6 written on its faces. The sum of opposite faces is not constant. If faces showing (1, 2, 3) meet at a corner, which number is opposite 1 if 4 is opposite 2?
- (A) 3
(B) 6
(C) 5
(D) 4
32. A square paper is folded twice, first along the vertical axis and then along the horizontal axis. A small triangle is cut out from the top right corner. When unfolded completely, how many triangles will appear on the paper?
- (A) 2
(B) 4
(C) 3
(D) 8
33. Seven people A-G sit around a circular table facing the centre. B is third to the right of A, C sits between B and D, E sits opposite A. Who sits immediately to the left of E?
- (A) A
(B) C
(C) B
(D) D
34. If you start at point P facing north and move 3 km north, 4 km east, 3 km south and 6 km east, what is your final displacement from P?
- (A) 5 km East
(B) 10 km East
(C) 7 km East
(D) 12 km East



35. A clock shows 3:15. What is the angle between hour and minute hands?
 (A) 0°
 (B) 15°
 (C) 52.5°
 (D) 7.5°
36. What will come in place of question mark(?) in the following series?
 X5C, U8F, ?, O17L, L21O
 (A) R10K
 (B) R12I
 (C) P12I
 (D) R10I
37. In a certain code DRAUGHT is written as CQBHVHIU and CONCISE is written as BNODJTF. How will PROBLEM be written in that code?
 (A) OSNCMFN
 (B) QSNAMFN
 (C) OQPCMFN
 (D) OQPCKDN
38. 'P+Q' means 'P is the daughter of Q', 'P-Q' means 'P is the husband of Q', 'P×Q' means 'P is the brother of Q'. Which is true for A+B×C?
 (A) A is the niece of C
 (B) A is the cousin sister of C
 (C) A is the daughter of C
 (D) A is the daughter-in-law of C
39. If in the word VITREOUS all the consonants are first arranged alphabetically and then all vowels are arranged alphabetically which letter will be second to the right of fourth from the left?
 (A) S
 (B) I
 (C) T
 (D) E
40. A man walks 6 km to the east and then turns to the south and walks 5 km. Again, he turns to the south and walks 5 km. Again, he turns to the east and walks 6 km. Next, he turns northwards and walks 10 km. How far is he now from his starting point?
 (A) 5km
 (B) 13km
 (C) 12km
 (D) 17km
41. The value of the sum $\frac{1}{2^n} + \frac{1}{6} + \frac{1}{12} + \frac{1}{20} + \frac{1}{30} + \dots + \frac{1}{n(n+1)}$ is equal to:
 (A) $\frac{1}{n}$
 (B) $\frac{n}{(n+1)}$
 (C) $\frac{1}{(n+1)}$
 (D) $\frac{n}{(n^2+1)}$
42. The arithmetic mean of the series 1, 2, 4, 8, 16, ..., 2^n is:
 (A) $\frac{2^n - 1}{n + 1}$
 (B) $\frac{2^n - 1}{n}$
 (C) $\frac{2^n + 1}{n}$
 (D) $\frac{2^{n+1} - 1}{n + 1}$



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43. If $2^{x-1} + 2^{x+1} = 1280$, then the value of $x^2 + 9x$ is:
 (A) 78
 (B) 162
 (C) 90
 (D) 186
44. Three equal jugs are filled with a mixture of milk and water. The proportion of milk and water in each jug is in the ratio 1 : 2, 2 : 3 and 3 : 4. The contents of the three jugs are emptied into a single vessel, then the proportion of milk and water in the vessel is:
 (A) 14 : 17
 (B) 122 : 193
 (C) 37 : 43
 (D) 147 : 203
45. If the length and breadth of a rectangular field are increased, the area of the field increases by 50%. If the increase in length was 20% by what percentage was the breadth increased?
 (A) 15%
 (B) 25%
 (C) 20%
 (D) 30%
46. What was the day of the week on 6th June, 2002?
 (A) Tuesday
 (B) Friday
 (C) Thursday
 (D) Sunday
47. Choose the correct out of the given alternatives:
 CAT : DDY :: BIG : ?
 (A) CLL
 (B) CML
 (C) CLM
 (D) CEP
48. Find the missing value '?'
 4, 23, 60, 121, ?
 (A) 212
 (B) 313
 (C) 243
 (D) 332
49. If in a certain code, ALTERED is written as WVIVGOZ, then in the same code RELATED would be written as:
 (A) IVOZGVW
 (B) WVGZOVI
 (C) WVZGOVI
 (D) IVOGZVW
50. Pointing to a man in a photograph, a woman said "His brother's father is the only son of my grandfather". How is the woman related to the man in the photograph?
 (A) Mother
 (B) Daughter
 (C) Sister
 (D) Grandmother
51. A, B and C invested capitals in the ratio 2 : 3 : 5, the timings of their investment are in the ratio 4 : 5 : 6. In what ratio would their profit be?
 (A) 8 : 15 : 30
 (B) 4 : 5 : 6
 (C) 2 : 3 : 5
 (D) 6 : 8 : 11



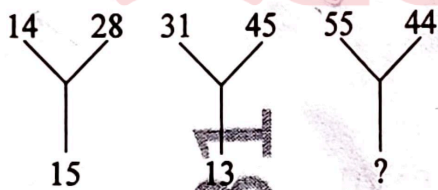
52. A sum was put at simple interest at a certain rate for 2 years. Had it been put at 3% higher rate, it would have fetched ₹ 300 more. Find the sum.

- (A) 2000
- (B) 10000
- (C) 5000
- (D) 15000

53. A sum of ₹ 12 is made up of 30 coins which consist of either 50-paise or 25-paise. How many are there of each type, respectively?

- (A) 18, 12
- (B) 18, 18
- (C) 12, 6
- (D) 12, 12

54. What is the missing number?



- (A) 11
- (B) 18
- (C) 99
- (D) None of these

55. Find the missing number :

3	4	2	3	1
8	5	3	2	1
5	6	4	5	1
8	6	5	4	2
7	8	4	5	?

- (A) 1
- (B) 3
- (C) 2
- (D) 4

56. In an election, the winner got 70% of the votes and won by 1600 votes. If no votes were declared invalid, the number of votes polled in the election is

- (A) 11200
- (B) 5600
- (C) 7200
- (D) 4000

57. A number is increased by 20% and then decreased by 20%. The net increase or decrease percentage is

- (A) 3%
- (B) 5%
- (C) 4%
- (D) 7.5%



58. A dealer purchases a radio set for Rs. 350 and spends Rs. 100 on its repair. He makes a profit of 40% by selling the radio. The selling price of the radio set is
- (A) ₹ 550
(B) ₹ 630
(C) ₹ 610
(D) ₹ 620
59. The marked price of a fan is 20% more than its cost price. If the shopkeeper allows a 10% discount on the fan, his profit is
- (A) ₹ 8
(B) ₹ 10
(C) ₹ 9
(D) ₹ 5
60. Two successive discounts of 15% and 12% are offered on the crockery whose selling price is ₹ 3740. Its marked price is
- (A) ₹ 4500
(B) ₹ 6000
(C) ₹ 5000
(D) ₹ 5050
61. Amrita borrowed ₹ 6500 from a bank at 6% p.a. for 2 years and 6 months. The amount paid by her at the end of this period is
- (A) ₹ 8000
(B) ₹ 7450
(C) ₹ 7500
(D) ₹ 7475
62. The compound interest on a sum of ₹ 15000 at 4% per annum for 3 years compounded annually is
- (A) ₹ 1872.69
(B) ₹ 1872.96
(C) ₹ 1827.96
(D) ₹ 1827.69
63. Mohit borrowed some money from Kamal at 5% per annum compound interest. If after 2 years, he paid ₹ 768.75 as compound interest, he borrowed :
- (A) ₹ 7500
(B) ₹ 8500
(C) ₹ 8000
(D) ₹ 7000
64. The population of a town was 150000 three years ago. If it had increased by 2%, 4% and 5% in the last three years, the present population of the town is
- (A) 167076
(B) 167074
(C) 167075
(D) 167073



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65. The cost of a new washing machine is ₹ 22000. If its value gets depreciated every year by 25%, then after 3 years, its value will be
- (A) ₹ 9375
(B) ₹ 9372.25
(C) ₹ 9371.25
(D) ₹ 9371.50
66. There are 90 members in a club, 60 out of them are women and remaining are men. The ratio of men and women and men to total members, respectively is
- (A) 1:3; 1:2
(B) 1:2; 1:3
(C) 2:1; 2:3
(D) 2:1; 1:3
67. The first class train fare for a distance of 450 km is ₹ 900. The first class train fare for a distance of 550 km will be
- (A) ₹ 1150
(B) ₹ 1000
(C) ₹ 1200
(D) ₹ 1100
68. Jyoti takes 30 minutes to type an application at the speed of 48 words per minute. If her speed is 45 words per minute, the time taken by her to type the same application will be
- (A) 31 minutes
(B) 35 minutes
(C) 32 minutes
(D) 36 minutes
69. 'A' can do a piece of work in 30 days and 'B' alone can do it in 20 days. They work together for 4 days and then 'B' leaves the job. 'A' will finish the remaining work in
- (A) 20 days
(B) 15 days
(C) 25 days
(D) 22 days
70. A train, 200 m long, is running at a speed of 45 km/hr. The time taken by the train to cross a 100 m long tunnel is
- (A) 22 Seconds
(B) 20 Seconds
(C) 24 Seconds
(D) 28 Seconds
71. The scale of a map is given as 1:5000000. Two cities are 3 cm apart on the map. Actual distance between them is
- (A) 1200 km
(B) 150 km
(C) 120 km
(D) 1500 km
72. A cricket team won 24 matches out of the total number of matches they played. If their win percentage was 60, the total number of matches played by them is
- (A) 36
(B) 30
(C) 28
(D) 40



73. If 36% of A = 64% of B, then A : B = ?
 (A) 16 : 9
 (B) 3 : 4
 (C) 9 : 16
 (D) 4 : 3
74. A shopkeeper purchased 200 bulbs for ₹ 10 each. However 5 bulbs were fused and had to be thrown away. The remaining were sold at ₹ 12 each. The gain or loss % is
 (A) 15%
 (B) 19%
 (C) 17%
 (D) 21%
75. The ages of Ram and Shyam are in the ratio 5 : 2. After 5 years, the ratio of their ages will be 2 : 1. The present age of Ram and Shyam, respectively, is
 (A) 15 Years, 6 Years
 (B) 25 Years, 10 Years
 (C) 30 Years, 12 Years
 (D) 20 Years, 8 Years
76. A 6-digit number has digits as consecutive natural numbers. The number is always divisible by _____
 (A) 4
 (B) 2
 (C) 5
 (D) 3
77. The simple interest on an amount for 6 years at 4% p.a. is ₹ 7,500 less than the simple interest on the same amount for 11 years. Find the amount.
 (A) Rs. 38000
 (B) Rs. 36000
 (C) Rs. 37500
 (D) Rs. 38500
78. The average marks of 13 papers are 40. The average marks of the first 7 papers are 42 and that of the last seven papers is 35. Find the marks obtained in the 7th paper.
 (A) 23
 (B) 19
 (C) 38
 (D) 57
79. Two equal glasses of same type are respectively $\frac{1}{3}$ and $\frac{1}{4}$ full of milk. They are then filled up with water and the contents are mixed in a pot. What is the ratio of milk and water in the pot?
 (A) 7:17
 (B) 9:21
 (C) 1:3
 (D) 11:23
80. If $10^x = 125$, then value of 10^{-2x} is :
 (A) $\frac{1}{5}$
 (B) $-\frac{1}{25}$
 (C) $\frac{1}{25}$
 (D) 25



81. A zoo had some lions and some parrots. The keeper counted 15 heads and 50 legs. The number of lions in the zoo are:
- (A) 10
(B) 20
(C) 15
(D) 25
82. A and B together have Rs. 1,210. If $\frac{4}{15}$ of A's amount is equal to $\frac{2}{5}$ of B's amount, how much amount does B have?
- (A) Rs.460
(B) Rs. 550
(C) Rs.484
(D) Rs.664
83. A train 200 meters long is moving at the rate of 40 km/h. In how many seconds will it cross a man standing near the railway line?
- (A) 12
(B) 16
(C) 15
(D) 18
84. A number is mistakenly divided by 4 instead of multiplying by 4. What is the percentage change in the result due to this mistake?
- (A) 25%
(B) 72.75%
(C) 50%
(D) 93.75%
85. The area of a square field is 49 hectares. Find the cost of fencing it with wire at ₹ 21.50 per metre.
- (A) 60800
(B) 60200
(C) 68800
(D) 68200
86. How many numbers lying between 100 and 1000 can be formed with the digits 0, 1, 2, 3, 4, 5 if the repetition of the digits is not allowed?
- (A) 250
(B) 100
(C) 150
(D) 200*
87. In an examination, a question paper consists of 12 questions divided into two parts i.e., Part I and Part II, containing 5 and 7 questions, respectively. A student is required to attempt 8 questions in all, selecting atleast 3 from each part. In how many ways can a student select the questions?
- (A) 240
(B) 480
(C) 420
(D) 920



88. The sides of a triangular plot are in the ratio of 3:5:7 and its perimeter is 300 m. Find its area.

- (A) $15\sqrt{3} \text{ m}^2$
- (B) $1500\sqrt{3} \text{ m}^2$
- (C) $500\sqrt{3} \text{ m}^2$
- (D) $17\sqrt{3} \text{ m}^2$

89. Find out the wrong number in a given series:

644, 328, 164, 84, 44, 24, 14,

- (A) 328
- (B) 84
- (C) 164
- (D) 44

90. If a clock strikes six times in 5 seconds, then the number of strikes in 10 seconds is :

- (A) 8
- (B) 10
- (C) 9
- (D) 11

91. Find the missing terms in the following series:
2, 15, 4, 12, 6, 7, ?, ?

- (A) 8, 8
- (B) 8, 0
- (C) 3, 8
- (D) None of these

92. Find the next term in the following series :

Z1A, X2D, V6G, T21J, R88M, P445P, ?

- (A) N2676S
- (B) T2670N
- (C) N2676T
- (D) T2676N

93. A person spends 60% of his income. His income increased by 15% and his expenditure increases by 5%, find the % increase in his savings.

- (A) 10%
- (B) 20%
- (C) 15%
- (D) 30%

94. If the radius of a circle is increased by 10%, what is the percentage increase in its area?

- (A) 5%
- (B) 21%
- (C) 14%
- (D) 28%



95. The average weight of A, B and C is 50 kg. If the average weight of A and B is 55 kg and the average weight of B and C is 43 kg, then the weight of B is
- (A) 42 kg
(B) 50 kg
(C) 46 kg
(D) 54 kg
96. The age of a man is 4 times that of his son. Five years ago, the man was 7 times as old as his son at that time. What is the present age of the man?
- (A) 30 years
(B) 40 years
(C) 35 years
(D) 50 years
97. If the selling price of an item is $\frac{5}{3}$ times of its cost price, then the profit/loss is
- (A) $66\frac{2}{3}\%$ profit
(B) $33\frac{1}{3}\%$ profit
(C) $66\frac{2}{3}\%$ loss
(D) $33\frac{1}{3}\%$ loss
98. A certain number of men can do a work in 60 days. If there were 8 men more it could have finished in 10 days less. How many men were there?
- (A) 20 men
(B) 40 men
(C) 60 men
(D) None of these
99. Two persons X and Y walk from a place P at 5 km/hour and 6 km/hour, respectively. How much distance will they be apart after 4 hours, if they walk in opposite direction?
- (A) 40 km
(B) 44 km
(C) 42 km
(D) 48 km
100. The difference between the squares of two consecutive numbers is 59. What are the numbers?
- (A) 30, 29
(B) 30, 31
(C) 20, 19
(D) 40, 39

