

Reasoning Mega Quiz for SSC Tier-1

Q1. If LIFE is coded as 128 and RUN is coded as 159, than how will CLOUD be coded as?

- (a) 220
- (b) 165
- (c) 185
- (d) 275

Q2. Select the set in which the numbers are related in the some way as the numbers of the following set.

- (4, 6, 9)
- (a) 8, 12, 8
- (b) 6, 5, 11
- (c) 5, 7, 9
- (d) 12, 16, 18

Q3. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

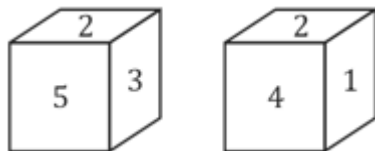
- (a) BEHK
- (b) WYAC
- (c) IJKL
- (d) PRTU



Q4. Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different.

- (a) 189
- (b) 126
- (c) 254
- (d) 217

Q5. Two different positions of the some dice are shown. Which number will be at the top if 5 is at bottom?



- (a) 4
- (b) 3
- (c) 2
- (d) 1

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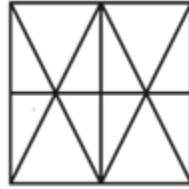
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Q6. How many triangles are there in the given figure?



- (a) 26
- (b) 30
- (c) 24
- (d) 28

Q7. Below are given statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follow (s) from the given statements.

Statements:

- I. All teachers are schools.
- II. Some teachers are good.

Conclusion

- I. Some goods are teachers.
- II. All schools are teachers.
- (a) Only conclusion I follows
- (b) Only conclusion II follows
- (c) Both conclusions follows
- (d) Neither I nor II follows



Q8. Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

a b c _ d _ b c _ d _ b _ c d a

- (a) bacde
- (b) cdabe
- (c) decdb
- (d) dacab

Q9. Which number will replace the question mark (?) in the following series?

7, 8.4, 10.8, 12.096, ?, 17.41824

- (a) 13.6131
- (b) 13.2204
- (c) 14.5152
- (d) 14.6254

Q10. In a certain code, MENTION is written as LNEITNO. How PATTERN written in that code?

- (a) PTAETNR
- (b) OTAETRN
- (c) OTAETNR
- (d) APTTREM

Q11. Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.

729 : 23 :: ?

- (a) 343 : 9
- (b) 125 : 6
- (c) 512 : 11
- (d) 216 : 8

Q12. Divide Rs. 18249 among A, B, C in such a way that A's share is double the share of B and thrice the share of C. Find the share of C?

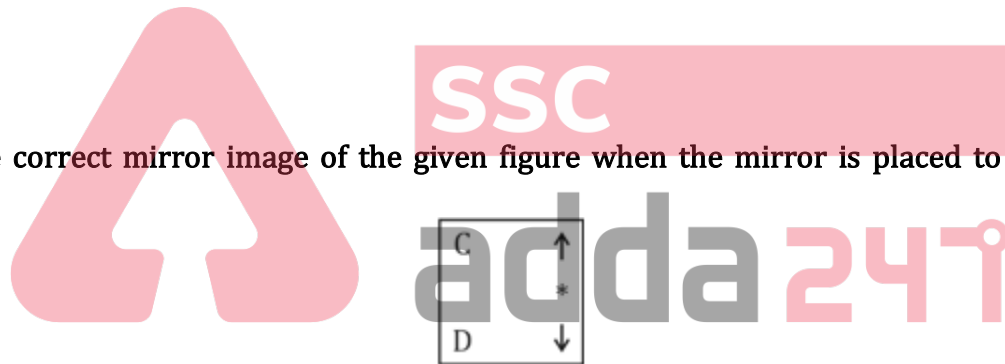
- (a) 3318
- (b) 4206
- (c) 1659
- (d) 4191

Q13. Which two signs should be interchanged in the following equate to make it correct?

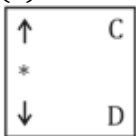
$$12 - 8 + 12 \times 9 \div 3 = 9$$

- (a) + and -
- (b) - and \div
- (c) + and \div
- (d) + and \times

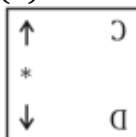
Q14. Select the correct mirror image of the given figure when the mirror is placed to the right of the figure.



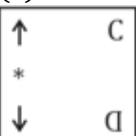
(a)



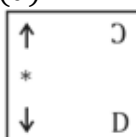
(b)



(c)



(d)



Q15. Select the word pair in which the two words are related in the same way as are the two words in the following word-

Pascal : Pressure :: ?

- (a) Watt : Power
- (b) Radian : Degree
- (c) Train : Engine
- (d) Kilogram : Pound

Q16. Which letter will replace the question mark (?) in the following series?

D, F, G, I, J, ?

- (a) M
- (b) K
- (c) L
- (d) N

Q17. Below are given statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follow (s) from the given statements.

Statements

- I. some apples are Mangoes
- II. all mangoes are grapes.

Conclusion

- I. some apples are grapes
- II. some apples are not grapes

- (a) Only conclusion I follows
- (b) Both conclusion follows
- (c) Only conclusion II follows
- (d) Neither I nor II follows

Q18. If HUT = 94 and RUSH = 66, then FUN = ____

- (a) 14
- (b) 36
- (c) 24
- (d) 27

Q19. Three of the following four number-pairs are alike in a certain way and one is different. Find the odd one out.

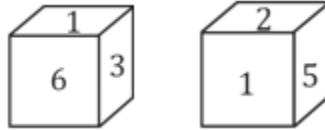
- (a) 3 : 18
- (b) 7 : 70
- (c) 4 : 24
- (d) 9 : 108

Q20. Select the set of numbers that is similar to the following set

{8, 64, 80}

- (a) {2, 8, 20}
- (b) {4, 16, 32}
- (c) {5, 25, 60}
- (d) {7, 56, 70}

Q21. Two positions of the same dice are given. which number will be at the top if '6' is at the bottom?



- (a) 1
- (b) 2
- (c) 5
- (d) 3

Q22. Which number will replace the question mark (?) in the following series?

3, 10, 29, ?, 263, 790

- (a) 91
- (b) 89
- (c) 87
- (d) 88

Q23. Which number will replace the question mark(?) in the following series?

2, 3, 4.5, ?, 9, 12

- (a) 5.5
- (b) 5
- (c) 6.5
- (d) 7

Q24. In a code language, ROCKSTAR is written as KCSTORAR. How will HARDLUCK be written in that languages?

- (a) DRLUAHCK
- (b) DRUHLCAK
- (c) DRULHACK
- (d) DRULHCKA

Directions (25-26): Select the option that is related to the third number in the same way as the second number is related to the first number

Q25. 13 : 182 : 17

- (a) 297
- (b) 306
- (c) 312
- (d) 288

Q26. 16 : 64 : 49

- (a) 343
- (b) 243
- (c) 729
- (d) 2401

Q27. Select the word-pair in which the two words are related in the same way as the two words in the given word-pair.

East : Orient

- (a) North : Polar
- (b) North : Tropic
- (c) South : Capricorn
- (d) West : Occident

Q28. three of the following four letter-cluster/number-pairs are alike in a certain way and one is different. Find the odd one out.

- (a) 18 : 81
- (b) 27 : 72
- (c) 37 : 47
- (d) 92 : 29

Q29. three of the following four letter-cluster/number-pairs are alike in a certain way and one is different. Find the odd one out.

- (a) IJKL
- (b) NOPQ
- (c) TVWX
- (d) YZAB

Q30. Ram starts moving in north direction for 4 km. He took a right turn walk for 3 km. He turned 135° clockwise and walked for 5 km. What is the distance between his initial and final position?

- (a) 4 km
- (b) 2 km
- (c) 7 km
- (d) 0 km

