

Reasoning Mega Quiz for SSC Tier-1

Q1. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

- (a) ZXUQL
- (b) NLHDC
- (c) SQNJE
- (d) PNKGB

Q2. The sum of the current ages of Vinayak and his father is 50 years. 5 years from now, Vinayak's age will be one-fifth of his father's age. What is Vinayak's current age?

- (a) 15 years
- (b) 5 years
- (c) 8 years
- (d) 10 years



Q3. 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 follow(s) from the statements.

Statements:

All owls are parrots.

Some parrots are crows.

Conclusions:

I. No owl is a crow.

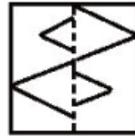
II. All parrots are owls.

III. Some owls are crows.

- (a) All the conclusions, I, II and III, follow
- (b) Only conclusions II and III follow.
- (c) Either conclusion I or III follows.
- (d) Either conclusion I or II follows.



Q4. Select the option that depicts how the given transparent sheet of paper would appear if it is folded at the dotted line.



(a)



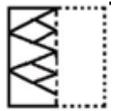
(b)



(c)



(d)

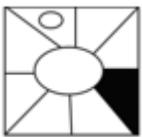


SSC

Q5. Select the figure that will come next in the following figure series.



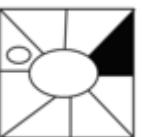
(a)



(b)



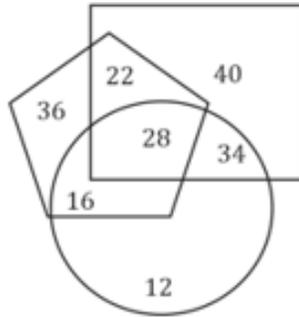
(c)



(d)



Q6. In the given Venn diagram, the pentagon represents 'Cricketers', the square represents 'Chess players' and the circle represents 'Clerks'. The numbers given in the diagram represent the number of persons in that particular category.



How many cricketers are chess players but NOT clerks?

- (a) 22
- (b) 34
- (c) 40
- (d) 36

Q7. Which two signs should be interchanged to make the following equation correct?

$$24 \div 12 - 6 \times 6 + 2 = 18$$

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



Q8. In a code language, INFORMATIVE is written as ROFNILEVITA. How will SUPERFICIAL be written as in that language?

- (a) USEPRFICAIL
- (b) REPUSGLAICI
- (c) LAICIGREPUS
- (d) REPUSELAICI

Q9. Select the option that is related to the third number in the same way as the second number is related to the first number.

$$7 : 344 :: 11 : ?$$

- (a) 121
- (b) 1331
- (c) 122
- (d) 1332

Q10. Which letter-cluster will replace the question mark (?) in the following series?

PRT, TVX, ?, BDE, FHJ

- (a) XZC
- (b) XAB
- (c) XZB
- (d) YZB

Q11. Select the option that is related to the third term in the same way as the second term is related to the first term.

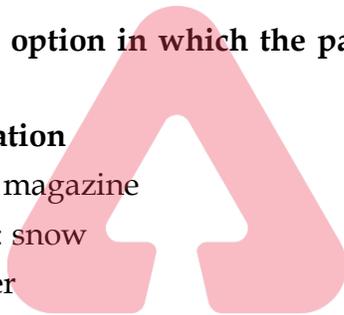
19: 380: : 37:?

- (a) 1369
- (b) 1387
- (c) 1393
- (d) 1406

Q12. Select the option in which the pair share the same relationship as that shared by the given pair.

Bus: Transportation

- (a) Newspaper: magazine
- (b) Refrigerator: snow
- (c) Geyser: water
- (d) Phone: telecommunication



Q13. Select the option that is related to the third term in the same way as the second term is related to the first term.

AMIT: EIMP:: RAAM:?

- (a) VMDI
- (b) NWDI
- (c) VWEI
- (d) NWDJ

Q14. Four options have been given out of which three are alike in some manner, while one is different. Choose the odd one.

- (a) ecstatic
- (b) Delighted
- (c) Happy
- (d) unfortunate



Q15. Four options have been given out of which three are alike in some manner, while one is different. Choose the odd one.

- (a) 204
- (b) 272
- (c) 119
- (d) 171

Q16. A + B means 'A is sister of B'

A - B means 'A is son of B'

A × B means 'A is husband of B'

A ÷ B means 'A is mother of B'

If P + Q ÷ C - D - L × J, then how is J related to Q?

- (a) Mother
- (b) Daughter
- (c) Mother-in-law
- (d) Father-in-law

Q17. Select the option that can replace the question mark (?) in the following series.

QKR, UOV, YSZ, CWD, ?

- (a) GAH
- (b) FZG
- (c) GAI
- (d) FBH

Q18. Select the option that can replace the question mark (?) in the following series.

8, 21, 40, ?, 96, 133

- (a) 61
- (b) 63
- (c) 65
- (d) 70

Q19. Select the option that can replace the question mark (?) in the following series.

27, 31, 47, 83, ?

- (a) 147
- (b) 150
- (c) 152
- (d) 154



Q20. In a certain code language, 'TEMPER' is written as 'OGVTGR'. How will 'FRIEND' be written as in that language?

- (a) ITGFPG
- (b) KTHFPG
- (c) JSHFPG
- (d) KTHGOG

Q21. Select the related number from the given alternatives.

17 : ? :: 145 : 195

- (a) 42
- (b) 35
- (c) 30
- (d) 24

Q22. Select the odd number pair from the given alternatives.

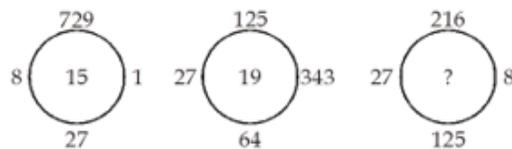
- (a) 66-56
- (b) 101-90
- (c) 41-30
- (d) 33-22

Q23. A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series.

3, 15, 35, 63, 99, ?

- (a) 141
- (b) 143
- (c) 151
- (d) 169

Q24. Select the missing number from the given responses.



- (a) 16
- (b) 18
- (c) 20
- (d) 29

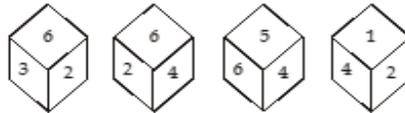
Q25. After interchanging \div and \times , 12 and 18, which one of the following equation becomes correct?

- (a) $(90 \times 18) \div 12 = 60$
- (b) $(18 \times 6) \div 12 = 2$
- (c) $(72 \div 18) \times 12 = 72$
- (d) $(12 \times 6) \div 18 = 36$

Q26. Arrange the following in the meaningful/logical order:

- (1) Foundation
 - (2) Plastering
 - (3) Building
 - (4) Painting
- (a) 1, 2, 3, 4
(b) 1, 3, 2, 4
(c) 3, 1, 2, 4
(d) 3, 1, 4, 2

Q27. Which number is at opposite of number 6?



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

Q28. How many rectangles are there in the given figure?



- (a) 12
- (b) 15
- (c) 17
- (d) 18

Q29. I am facing east. I turn 100° in the clockwise direction and then 145° in the anticlockwise direction. Which direction am I facing now?

- (a) East
- (b) North-East
- (c) North
- (d) South-West

Q30. Introducing man to her husband, a woman said, "His brother's father is the only son of my grandfather." How is the woman related to this man?

- (a) Mother
- (b) Aunt
- (c) Sister
- (d) Can't be determined.