

Reasoning Mega Quiz for RRB NTPC

Q1. Select the number that can replace the question mark in the following series.

1, 2, 6, 24, 120, ?



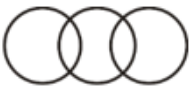

- (a) 600
- (b) 840
- (c) 720
- (d) 180

Q2. In the following equation, two sign and two numbers need to be interchanged to make it correct select the appropriate sign and numbers from the given alternatives

$$6 \times 4 + 2 - 2 + 1 = 14.$$

- (a) + and \times , 2 and 4
- (b) \times and +, 2 and 6
- (c) \times and -, 6 and 2
- (d) + and \times , 6 and 4

Q3. Select the venn diagram that best represents the relationship between the following classes. Fiber, Cotton, Jute

- (a) 
- (b) 
- (c) 
- (d) 

Q4. Select the option that is correct for the bracketed number with respect to their Conclusion in the given series

3, 10, 29, (66), 127, 218, (343), 514

- (a) Both the bracketed numbers are correct
- (b) The first bracketed number is correct and second bracketed number is incorrect
- (c) Both the bracketed numbers are in correct.
- (d) first bracketed number is incorrect and second bracketed number is correct.



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Q5. Three statements are given followed by four Conclusions I, II, III, IV, you have to consider these statements to be true, even if they seem at variance, from commonly known facts. Decide which of the given Conclusions logically follows from the given statement.

Statement:

- I. All Rabbits are Crows.
- II. All Crows are thrushes.
- III. All thrushes are swans.

Conclusions:

- I. All Rabbits are swans
 - II. All swans are crows.
 - III. All thrushes are Rabbits.
 - IV. All crows are swans.
- (a) All Conclusions follow.
(b) Only Conclusions I and IV follow
(c) Only Conclusions II and III follow
(d) Only Conclusions I and II follow

Q6. In a code language, RAJASTHAN is coded as NXHZSPEYM. How will TAMILNADU be written in that language.

- (a) JXBVLJKXP
- (b) PXXJMJBXBU
- (c) PXXHLLJXBT
- (d) JXBLLJKXP

Q7. Select the combination of letters that when sequentially placed in the gaps of the given a _ c d _ e d _ b _ a b _ d _ e

- (a) a b e c a c
- (b) b e c a c e
- (c) c e b a c e
- (d) a e c e b a

Q8. Select the set in which the numbers are related in the same way as are the numbers of the following set.

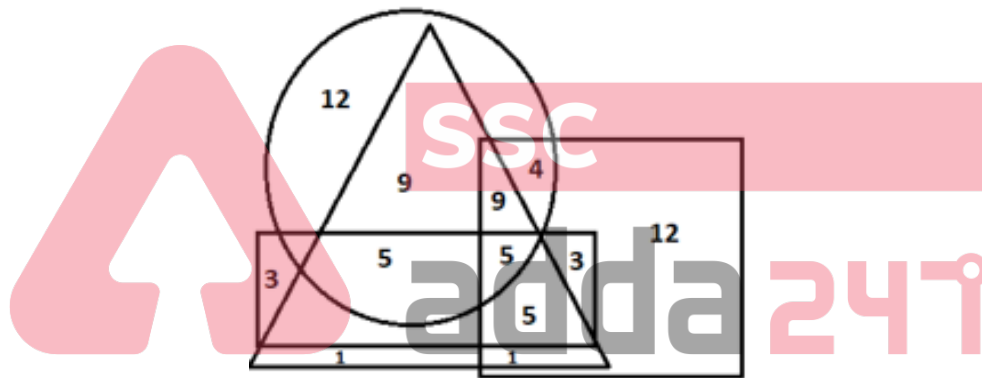
(8, 72, 27)

- (a) (1, 15, 16)
- (b) (16, 80, 15)
- (c) (27, 45, 25)
- (d) (64, 82, 27)

Q9. Which one of the given options would be a logical sequence of the following words?

- 1. JODHPUR
 - 2. WEST RAJASTHAN
 - 3. RAJASTHAN
 - 4. ASIA
 - 5. INDIA
- (a) 5 4 3 2 1
(b) 4 1 4 5 3
(c) 5 4 2 1 3
(d) 4 5 3 2 1

Q10. The following Venn diagram gives data regarding the sports team of ABC school. The 'circle' represents 'Junior (Under 14 yrs.); the 'Triangle' represents 'Swimmers, the 'Rectangle' represents 'Cyclists and the 'Square' represents 'Athletes' The numbers given in the diagram represents number of persons of that particular category. How many Cyclists are both good Athletes and Swimmers?



- (a) 9
- (b) 10
- (c) 5
- (d) 8

Q11. ASPERSION is coded as ONSIRPEAS in the same way CLOUD will be coded as -

- (a) UDOLC
- (b) UDOCL
- (c) LCODU
- (d) DUOLL

Q12. Select the term that will come next in the following series.

19, 21, 25, _ 49, 81

- (a) 36
- (b) 32
- (c) 33
- (d) 30

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Q13. Select the option that will fill in the blank and complete the given series.

3, 3, 9, __, 93, 213

- (a) 49
- (b) 33
- (c) 46
- (d) 43

Q14. Arrange the following words in a logical and meaningful order.

1. Kerela
2. India
3. Thiruvananthapuram
4. South India
5. Asia

- (a) 31245
- (b) 13425
- (c) 13245
- (d) 31425

Q15. Which two signs should be interchanged to make the following equation correct?

$27 - 3 + 9 \times 2 \div 6 = 21$

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

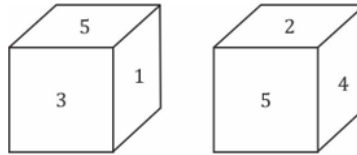


Q16. Choose the venn diagram which best illustrates the relationship among the three given classes.

Kharif Crops, Ground nut, Wheat

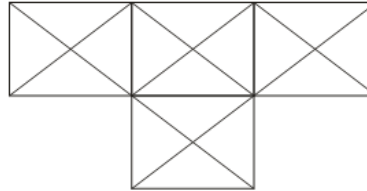
- (a)
- (b)
- (c)
- (d)

Q17. Two different positions of the same dice are shown. Which number will be at the top if 3 is at bottom?



- (a) 4
- (b) 6
- (c) 2
- (d) 2/4

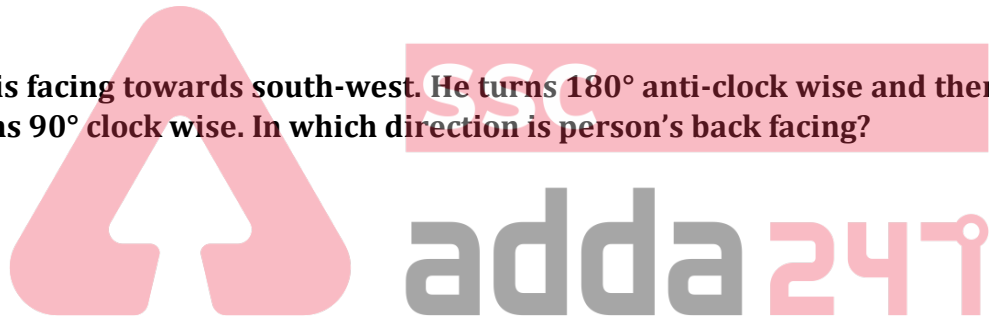
Q18. How many triangles are there in the following figure?



- (a) 38
- (b) 40
- (c) 41
- (d) 44

Q19. A person is facing towards south-west. He turns 180° anti-clock wise and then 45° clock wise and finally turns 90° clock wise. In which direction is person's back facing?

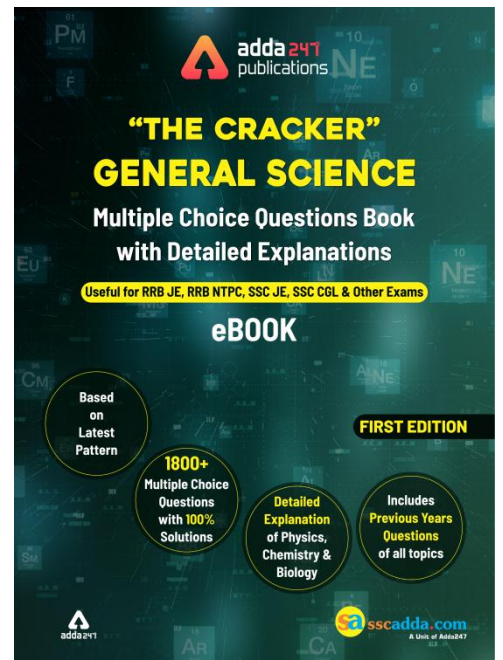
- (a) North
- (b) South
- (c) North-East
- (d) East



Q20. From the given answer figures, select the one in which the question figure is hidden/embedded.



- (a)
- (b)
- (c)
- (d)



Q21. Select the combination of letters that when sequentially placed in the gaps of the given letters series will complete the series.

H _ _ EPCK _ _ CDEP _ KFHC _ EPC _ F

- (a) DCFHFDD
- (b) CDHHDCK
- (c) CDFHCDK
- (d) CCFHKDK

Q22. 'Glaucoma' is related to 'Eyes' in the same way as 'Arthritis' is related to '___'.

- (a) Liver
- (b) Joints
- (c) Ears
- (d) Arteries

Q23. In a code language, ELECTION is written as DKDBSHNM. How will EXAMPLE be written in the same language?

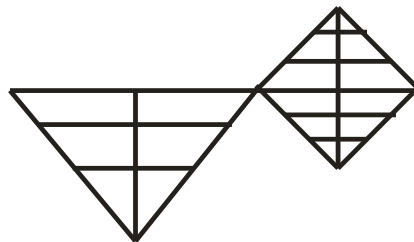
- (a) FWZLOKD
- (b) DWZLOKD
- (c) DYZLOKD
- (d) DWZLOKF

Q24. 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.

7:729

- (a) 8:1000
- (b) 4:64
- (c) 5:125
- (d) 6:343

Q25. How many triangles are present in the following figure?



- (a) 27
- (b) 29
- (c) 31
- (d) 30

Q26. Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.

Fan:Electricity

- (a) Cooler:Water
- (b) Petrol:Fuel
- (c) Bike:Kick
- (d) Vehicles:Diesel

Q27. Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

- (a) Bleat
- (b) Croak
- (c) Bark
- (d) Larva

Q28. The total age of a mother and her son is 60 years. The difference between their ages is 30 years. Find out the age of the mother.

- (a) 50 years
- (b) 45 years
- (c) 35 years
- (d) 40 years

Q29. The different position of the same dice are shown. How many dots will be on the top in four dots are at the bottom?



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

Q30. 'A+B' means 'A' is the brother of B'.

'A-B' means 'A' is the husband of B'.


'A×B' means 'A' is the mother of B'.

'A÷B' means 'A' is the sister of B'.

If $P+R\div T-K\times O\times C$, then how is P related to O?

- (a) Paternal Grandfather
- (b) Father
- (c) Paternal Uncle
- (d) Brother

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