

Reasoning Mega Quiz for RRB NTPC

Q1. From the given alternatives, select the word which CANNOT be formed using the letters of the given word.

Preparation

- (a) Paper
- (b) Ration
- (c) Part
- (d) People

Q2. In a certain code language, "PROP" is written as "67" and "RATE" is written as "46". How is "MOCK" written in that code language?

- (a) 41
- (b) 40
- (c) 42
- (d) 44

Q3. In a certain code language, '-' represents 'x', '÷' represents '+', '+' represents '÷' and 'x' represents '-'. Find out the answer to the following question. $35 - 12 + 10 \times 50 \div 14 = ?$

- (a) 31
- (b) 6
- (c) 27
- (d) 15

Q4. The following equation is incorrect. Which two signs should be interchanged to correct the equation?

$$16 \div 4 \times 8 - 10 + 14 = 12$$

- (a) x and -
- (b) ÷ and x
- (c) ÷ and -
- (d) - and +

Q5. If $19!3 = 32$, $13!4 = 18$ and $12!2 = 20$, then find the value of $17!3 = ?$

- (a) 16
- (b) 28
- (c) 4
- (d) 8



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Q6. Which of the following terms follows the trend of the given list?

XZYXYXYXY, XYZXYXYXY, YXXZYXYXY, XYXYZXYXY, YXXYXZYXY, _____.

- (a) ZXYXYXYXY
- (b) XZYXYXYXY
- (c) XYZXYXYXY
- (d) YXXYXZYXY

Q7. Two navy ships start from the same port. Ship A travels 23 km West, then turns to its left and travels 19 km. Ship B travels 19 km West, then turns North and travels 5 km, then turns to its left and travels 4 km. Where is ship A with respect to ship B?

- (a) 14 km South
- (b) 24 km North
- (c) 24 km South
- (d) 14 km North

Q8. In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statement I: All scissors are knives

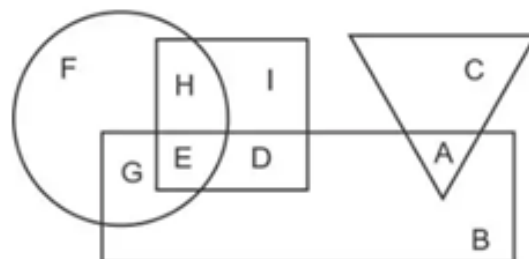
Statement II: Some blades are scissors

Conclusion I: Some knives are blades

Conclusion II: All blades are knives

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

Q9. In the following figure, rectangle represents Cinematographers, circle represents Lyricists, triangle represents Trekkers and square represents Joggers. Which set of letters represents Trekkers who are not Joggers?



- (a) ID
- (b) AD
- (c) CI
- (d) AC

Q10. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series. HOT, GMQ, FKN, EIK, ?

- (a) CHI
- (b) CGH
- (c) DGH
- (d) DHI

Q11. Select the related word from the given alternative.

Important : Essential :: Awful : ?

- (a) Down
- (b) Drop
- (c) Horrible
- (d) Always

Q12. 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 egg are hens
- II. All hens are birds
- III. All birds are crows

Conclusions:

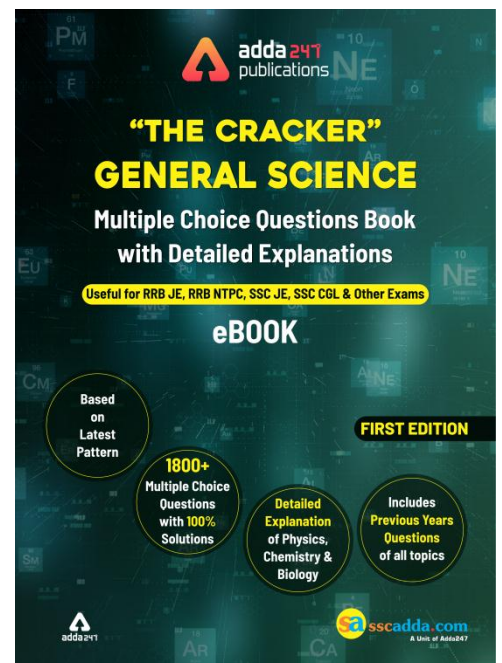
- I. All egg are crows
- II. All hens are crows
- III. Some crows are birds
- (a) All conclusions follow
- (b) Only I and II follows
- (c) Only III follow
- (d) Only I follow

Q13. If RUBY is coded as 264 and PAY is coded as 126, then how will RUPAY be coded as?

- (a) 405
- (b) 375
- (c) 81
- (d) 145

Q14. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

- (a) KMO
- (b) WYA
- (c) FHI
- (d) CEG



Q15. Select the set in which the numbers are related in the same way as are the number of the following set (7, 4, 65)

- (a) (5, 4, 40)
- (b) (7, 6, 72)
- (c) (11, 8, 99)
- (d) (9, 8, 145)

Q16. Arrange the following words as per the dictionary.

1. AVALANCHE
2. AVICIDE
3. AVARICIOUS
4. AVERAGE
5. AVENUE

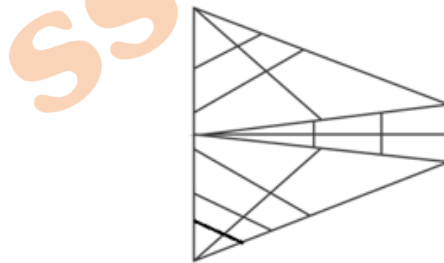
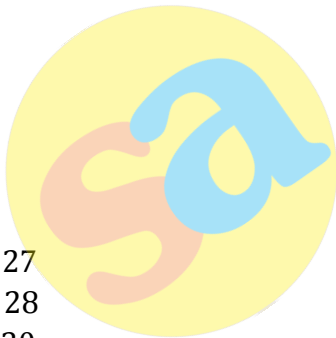
- (a) 1, 3, 5, 2, 4
- (b) 1, 3, 2, 5, 4
- (c) 1, 3, 5, 4, 2
- (d) 1, 3, 4, 5, 2

Q17. Which two sign need to be interchange to make the following equation correct

$$53 \div 7 - 10 \times 2 + 3 = 53.33$$

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

Q18. Find the number of triangles in the given figure below.



- (a) 27
- (b) 28
- (c) 30
- (d) 26

Q19. Ram started his journey to reach adda 247 from his house. He took left turn after walking some distance from his house then took two more turns in right and left direction Respectively, each after walking certain distance. In which direction from his house, he started journey, if he faces north direction when reaches adda 247.

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

Q20. 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:

Some Milton are steel.

All steel are Tin.

Conclusion:

1. All tin are steel
 2. Some tin are Milton
 3. No tin is Milton
- (a) only conclusion I follows
(b) only conclusion II follows
(c) either I or II follows
(d) All conclusion follows.

Q21. In the following question, select the related word pair from the given alternatives.

Shout : Speak :: ? : ?

- (a) Petrol : Fuel
(b) Rage : Anger
(c) Drown : Water
(d) Famous : People

Q22. In the following question, select the related number from the given alternatives.

46 : 48 :: 61 : ?

- (a) 67
(b) 71
(c) 65
(d) 63

Q23. In the following question, select the related letter/letters from the given alternatives. VOT :

SLQ :: HRX : ?

- (a) EMS
(b) KOC
(c) EOU
(d) RVH

Q24. In the following question, select the odd word pair from the given alternatives.

- (a) Car – Road
(b) Water – Ship
(c) Track – Train
(d) Sky – Aeroplane

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Q25. In the following question, four number pairs are given. The number on left side of (-) is related to the number of the right side of (-) with some Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

- (a) 12 – 24
- (b) 14 – 28
- (c) 44 – 88
- (d) 33 – 88

Q26. In the following question, select the odd letter/letters from the given alternatives.

- (a) LFZ
- (b) PJC
- (c) SMG
- (d) XRL

Q27. Arrange the given words in the sequence in which they occur in the dictionary. 1. Lighten 2. Liftoff 3. Lemonade 4. Leisure 5. Ladies

- (a) 32451
- (b) 21345
- (c) 13245
- (d) 54321

Q28. In the following question, select the missing number from the given series. 23, 24, 26, 27, 29?

- (a) 31
- (b) 30
- (c) 33
- (d) 32

Q29. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series. PCM, REO, TGQ, VIS, ?

- (a) XKU
- (b) WLV
- (c) XLV
- (d) WKU

Q30. The ratio of the present ages of Reena and her husband is 4 : 5. 8 years from now, ages of her husband and her son will be in the ratio 24 : 9. If the present age of Reena is 32 years, then what will be her son's present age (in years)?

- (a) 12
- (b) 15
- (c) 10
- (d) 8

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