

Reasoning Mega Quiz for RRB NTPC

Q1. Rakhi got engaged 10 years ago. Rakhi's present age is $\frac{5}{3}$ of her age at the time of engagement. If the present age of Rakhi's mother is twice that of present age of Rakhi, then what was her mother's age (in years) at the time of her engagement?

- (a) 50
- (b) 40
- (c) 30
- (d) 60

Q2. In the following question, from the given alternative words, select the word which cannot be formed using the letters of the given word.

Suspensefulness

- (a) Sense
- (b) Fuels
- (c) Useful
- (d) Fullness

Q3. In a certain code language, "BAD" is written as "7" and "SAP" is written as "9". How is "BAN" written in that code language?

- (a) 8
- (b) 3
- (c) 4
- (d) 6

Q4. In the following question, correct the equation by interchanging two signs.

$$9 \times 3 + 8 \div 4 - 7 = 28$$

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

Q5. If $4 * 5 \% 3 = 8000$ and $2 * 3 \% 2 = 36$, then

$$4 * 3 \% 3 = ?$$

- (a) 432
- (b) 1728
- (c) 36
- (d) 144



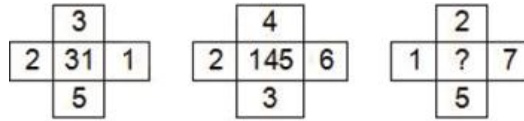
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Q6. In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.



- (a) 43
- (b) 49
- (c) 59
- (d) 71

Q7. How many triangles are there in the given figure?



- (a) 20
- (b) 22
- (c) 28
- (d) 32

Q8. In each of the following question below are given some statements followed by some conclusions. 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.

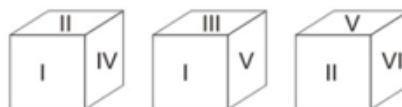
Statements

- I. Some pens are pencils
- II. All pencils are erasers

Conclusions

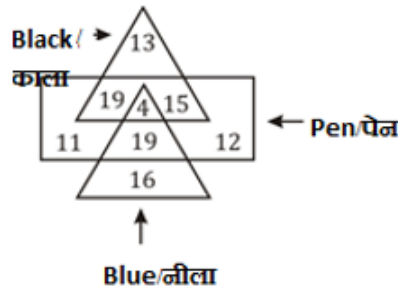
- I. Some pens are erasers
 - II. No pens are erasers
 - III. Some erasers are pencils
- (a) Only conclusion (II) follows
 - (b) Only conclusion (I) and (II) follow
 - (c) Only conclusion (I) and (III) follow
 - (d) No conclusion follows

Q9. Three positions of a cube are shown below. What will come opposite to face containing 'I'?



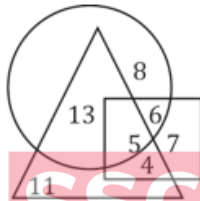
- (a) VI
- (b) IV
- (c) II
- (d) V

Q10. In the given figure, how many pens are blue?



- (a) 23
- (b) 19
- (c) 12
- (d) 15

Directions (11-11): In the following diagram the triangle represent 'rich' circle represent Happy and square represent Indians.

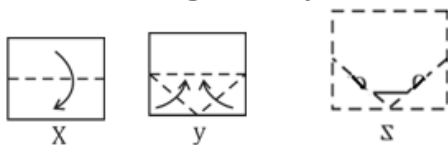


Q11. How many rich and happy but not Indian.

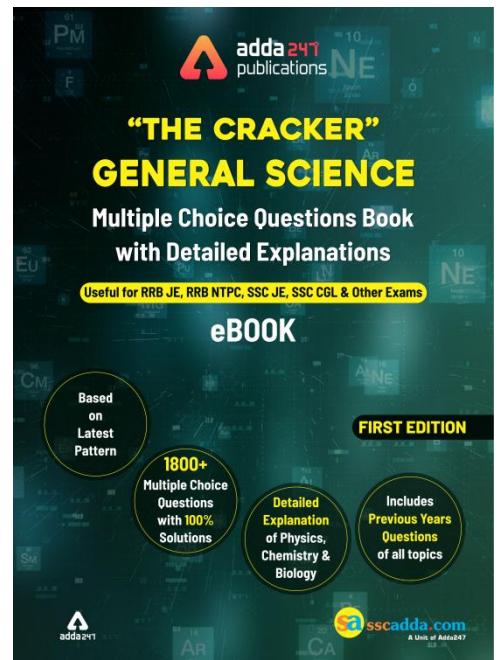
- (a) 11
- (b) 13
- (c) 21
- (d) 18



Q12. The sequence of het folding a piece of square paper and he manner in which the folded paper has been cut is shown in he figures x, y and z. how would this paper look when unfolded.



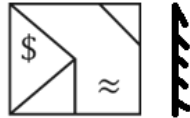
- (a)
- (b)
- (c)
- (d)



Q13. If ADDA is coded as 1881 and DIG is coded as 4187. Then how PHONE is coded as coded as?

- (a) 161630285
- (b) 162816305
- (c) 530162816
- (d) 51628305

Q14. Select the correct mirror image of given. Figure



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



Q15. If 'dear' is coded as 1234, 'head' is coded as 2345, 'tear' is coded as 1346, 'help' is coded as 4758, then What can be the possible code for the word 'their'?

- (a) 95413
- (b) 95312
- (c) 54961
- (d) 65391

Q16. Saumya is standing facing north. She walks 10 km straight, turns left and walks another 10 km and turns right and walks 5 km and finally turns left and walks 15 km, to reach a park. Which direction is she facing now ?

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

Q17.

2	7	9
7	3	4
9	8	?
126	168	216

- (a) 8
- (b) 3
- (c) 6
- (d) 36

Q18. Ramesh was born on 4th October 1999. Dinesh was born 6 days before Ramesh. The Independence Day of that year fell on Sunday. Which day was Dinesh born?

- (a) Tuesday
- (b) Wednesday
- (c) Monday
- (d) Sunday

Q19. Which one-set of letters when sequentially placed at the gaps in the given letter series shall complete it?

_cb_cab_baca_cba_ab

- (a) cabcb
- (b) abccb
- (c) bacbc
- (d) bcaba



Q20. Rahul and Robin are brothers. Pramod is Robin's father. Sheela is Pramod's sister. Prema is Pramod's niece. Shubha is Sheela's granddaughter. How is Rahul related to Shubha?

- (a) Brother
- (b) Cousin
- (c) Uncle
- (d) Nephew

Q21. In a certain code BEGJ is written as QTVY. Then FQKU is written as.

- (a) FPJU
- (b) FUPR
- (c) FRPU
- (d) USTQ.

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Q22. Consider the following statement to be true even if they seem to be at variance from commonly known facts and decide which of the conclusions logically follows from the statement.

Statement:

Many scooters are trucks.

All trucks are train.

Conclusion:

I. Some trains are scooters.

II. No truck is a scooters.

(a) Only I

(b) Only II

(c) Both I & II

(d) Neither I nor II

Q23. What was the day on 19 Feb 2010 ?

(a) Friday

(b) Saturday

(c) Thursday

(d) Sunday.

Q24. a d _ c _ c _ a a d _ c

(a) cdba

(b) babd

(c) abbc

(d) ccdc

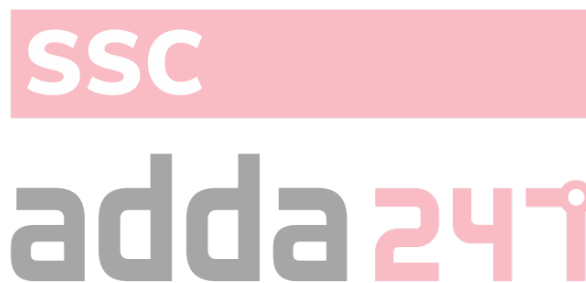
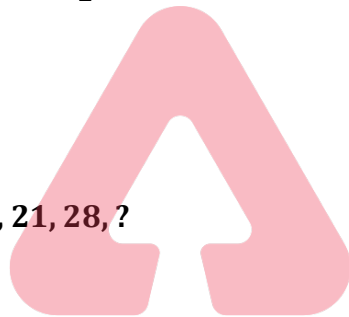
Q25. 11, 13, 16, 21, 28, ?

(a) 38

(b) 39

(c) 35

(d) 40



Q26. Which answer figure will complete the pattern in the question figure?



(a)



(b)



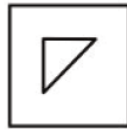
(c)



(d)



Q27. From the given answer figures, select the one in which the question figure is hidden/embedded.



(a)



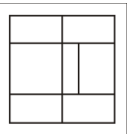
(b)



(c)

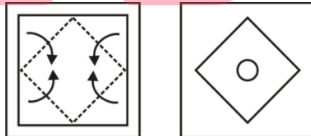


(d)

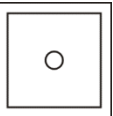


SSC

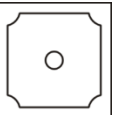
Q28. A piece of paper is folded and punched as shown below in the question figures. From the given answer figure, indicate how it will appear when opened?



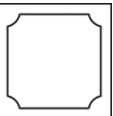
(a)



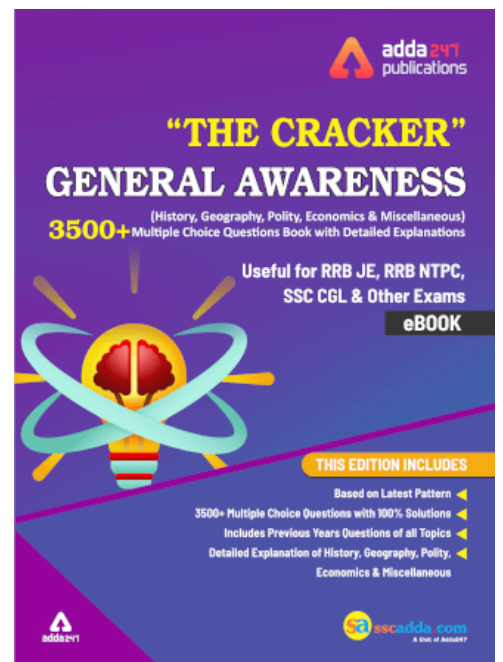
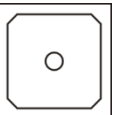
(b)



(c)



(d)



Q29. If a mirror is placed on the line AB, then which of the answer figures is the right image of the given figure?



(a)



(b)



(c)



(d)



SSC

Q30. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented firstly by its row and next by its column, for example, 'K' can be represented by 01, 34, etc., and 'P' can be represented by 65, 99, etc. Similarly, you have to identify the set for the word "BLAND".

	0	1	2	3	4
0	A	K	B	L	C
1	B	A	C	K	L
2	L	C	K	B	A
3	C	B	L	A	K
4	K	L	A	C	B

	5	6	7	8	9
5	N	O	P	S	D
6	P	D	S	N	O
7	O	P	N	D	S
8	D	S	O	P	N
9	S	N	D	O	P

- (a) 10, 14, 00, 68, 79
- (b) 31, 41, 33, 96, 86
- (c) 44, 20, 42, 88, 59
- (d) 23, 32, 24, 55, 66

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