



(Papers) RRB Group D : Exam Paper & Answer Key
Date: 16 Oct 2018 Shift-3 (Reasoning)

Q1. Coming out of her house, Anya crossed a road. On reaching the other side of the road, she took a left turn and walked straight. If she is now in West, which direction was she facing before crossing the road?

- a. West
- b. East
- c. North
- d. South

Q2. Given below is a statement followed by two assumptions numbered I and II. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

Statements:

- I like to cook food. I want to become a chef.

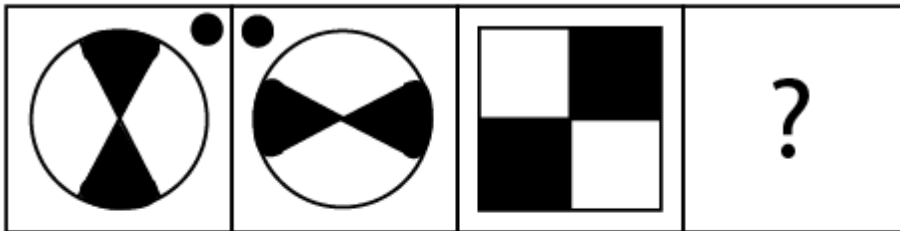
Assumption:

1. I am a chef.
2. I am not a chef.

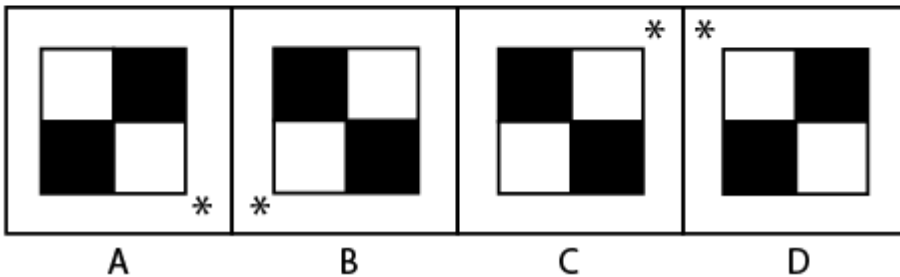
- a. Only assumption 1 is implicit
- b. Only assumption 2 is implicit
- c. Both assumptions 1 and 2 are implicit
- d. Either assumption 1 or 2 is implicit

Q3. Study the following pattern and select the figure that relates to the third figure in the same way that the second figure relates to the first figure:

Problem Figures:

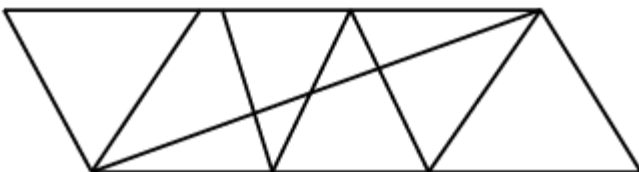


Answer Figures:



- a. D
- b. C
- c. A
- d. B

Q4. How many triangles are present in the given figure?



- a. 18
- b. 8

- c. 10
- d. 6

Q5. Pabitra had $135/7$ of petrol in the fuel tank of his vehicle at the start of a journey. During the journey, $27/2$ of petrol was consumed. What fraction of the initial petrol was left in the fuel tank after the journey?

- a. $7/10$
- b. $3/5$
- c. $3/10$
- d. $11/40$

Q6. If in a certain language, TREE is coded as USFE how will MANGO be coded in that language?

- a. OPHNB
- b. NOPHB
- c. BHONC
- d. NBOHP

Q7. Mehek goes for a stroll from her home. She starts walking facing the Sun at 6:00 am in the morning and walks 1 km straight. At a crossroads, she takes a right turn and then walks 1 km. Finally, she takes a U-turn and walks again for 1 km. How far is she from her home?

- a. 3 km
- b. 1 km
- c. 2 km
- d. 4 km

Q8. Pipes A, B and C together can fill a tank in 4 hours. Pipes A and B together can fill the tank in 9 hours. If pipes A, B and C are opened simultaneously, and after 3 hours, pipes A and B are closed, then how many hours will C alone require to fill the tank?

- a. 2.25
- b. 2
- c. 1.5
- d. 1.8

Q9. Select the lateral mirror image of REACH from the given options.

REACH	HDAER	BEVCH	HCACH
A	B	C	D

- a. A
- b. D
- c. C
- d. B

Q10. Read the given question and decide which of the following statements is/are sufficient to answer the question.

Question:

- Which word represents 'give' in the code language?

Statements:

1. 'Give me some tea' is written as 'De min to te'.
2. 'Please give' is written as 'Plea de'.

- a. Statements 1 and 2 together are sufficient.
- b. Statement 1 alone is sufficient.
- c. Statements 1 and 2 together are insufficient.
- d. Statement 2 alone is sufficient.

**Q11. Find the odd one out:
Ostrich, Crow, Pigeon, Sparrow.**

- a. Ostrich
- b. Pigeon
- c. Crow
- d. Sparrow

Q12. You are given a question and two statements. Identify which of the statements are sufficient to answer the question.

Question:

Find the value of n.

Statements:

I) if $x^2 - nx + 1 = 0$

II) If the equation has solution as 'X=1'

- a. Only II is sufficient
- b. Both I and II are sufficient
- c. Either I or II is sufficient
- d. Only I is sufficient

Q13. Pick the odd one out:

28, 44, 68, 80, 92

- a. 28
- b. 44
- c. 80
- d. 92

Q14. Select the best option to fill in the blank:

STAR : 1920118, MARS : 1311819, PARK:

- a. 1811611
- b. 1712812
- c. 1618111
- d. 1611811

Q15. Which among the following players was awarded Padilla Shri in 2017 for his/her contribution to Indian sports?

- a. Sekhar Naik
- b. Devendra Jhajharia
- c. Brij Bhushan Mohanty
- d. Bhupendra Singh

Q16. Find the person who does NOT belong to the group.

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- a. Sunita Williams
- b. Kalpana Chawla
- c. Mahendra Singh Dhoni
- d. Rakesh Sharma

Q17. Consider the following statements to be true even if they seem to be at variance from commonly known facts and decide 2 which of the conclusions logically follows from the statements.

Statement:

- Some spoons are glasses.
- All the plates are glasses.

Conclusions:

- 1. Some glasses are plates.
 - 2. Some glasses are spoons.
- a. Neither conclusion 1 nor 2 follows
 - b. Both conclusions 1 and 2 follow
 - c. Only conclusion 2 follows
 - d. Only conclusion 1 follows

Q18. In the following number series, one missing term is shown by ‘?’.

Choose the missing term from the options below.

6, 12, 20, 30, ?, 56, 72

- a. 40
- b. 42
- c. 44
- d. 48

Q19. Read the given statement and choose which argument is strong.

Statement:

- Playing outdoor games is better than being on a computer or playing mobile games.

Argument:

I: Yes, playing outdoor games keeps children physically and mentally fit.

II: No, computer or mobile games are more entertaining than outdoor games.

- a. Both arguments I and II are strong
- b. Neither argument I nor II is strong
- c. Only argument II is strong
- d. Only argument I is strong

Q20. Consider the following question and decide which of the statements is sufficient to answer the question.

Question:

- Find the seventh letter in the series (Arithmetic progression)

Statements:

I. if the first letter in the series is 2.

II. if the common difference in A.P is 3.

- a. Only statement I is sufficient
- b. Both statements I and II are sufficient
- c. Either statement I or II is sufficient
- d. Only statement II is sufficient

Q21. Read statements 1 and 2. Also read the conclusions 3 and 4 drawn from the statements.

Statement:

- 1. Some birds are Donkeys.
- 2. All donkeys are stupid

Conclusions:

- 1. All birds are stupid
- 2. Some birds are stupid

Choose which of the conclusions are right.

- a. Only 3 is correct
- b. Only 4 is correct
- c. Both 3 and 4 correct
- d. Neither 3 nor 4 is correct

Q22. Julia started walking towards North Direction from her house. After a while she turned left and later on turned right. She further turned right. Which direction is she facing now?

- a. East
- b. West
- c. North
- d. South

Q23. If COW=41, GOAT=43, then DOG=?

- a. 47
- b. 38
- c. 25
- d. 26

Q24. If TEACHER: BOOKS, DOCTOR:?

- a. Chalk
- b. Cycle
- c. Stethoscope
- d. Apron

Q25. Read the given statement(s) and conclusion carefully and select which of the options is possible.

Statement:

1. Nitrogen is a gas.
2. This chamber has gas.

Conclusion:

- This chamber contains nitrogen gas.

- a. Definitely false
- b. False
- c. True
- d. Probably true or false

Q26. If AMERICA=1734651, INDIA=68961, how will you write CANADA?

- a. 719181
- b. 518191
- c. 519581
- d. 715148

Q27. Find the odd one out: Chicken pox, Rubella, Flu, Meningitis

- a. Chicken pox
- b. Rubella
- c. Flu
- d. Meningitis

Q28. Complete the number series by choosing the correct options.

1, 8, 27, 64,,, 343,, 729.

- a. 125, 216, 512
- b. 125, 262, 515
- c. 125, 213, 510
- d. 145, 261, 512

Q29. Read the given statement and choose which argument is strong.

Statement:

Watching cartoon movies is better than reading books.

Arguments:

- I. Yes, watching cartoon movies is entertaining.
- II. No, reading books inculcates love of knowledge and reading habit in children.

- a. Only argument I is strong
- b. Only argument II is strong
- c. Both arguments I and II are strong
- d. Neither argument I nor II is strong

Q30. Consider the following statements.

- 1. Mode can be computed from histogram
- 2. Median is not independent of change of scale
- 3. Variance is independent of change of origin and scale



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Which of these is/are correct?

- a. Only (2)
- b. Only (1) and (2)
- c. Only (1)
- d. All (1), (2) and (3)

ANSWER

- 1. (c) 2. (b) 3. (d) 4. (a) 5. (c) 6. (d) 7. (b) 8. (d) 9. (d) 10. (a)
11. (a) 12. (b) 13. (c) 14. (d) 15. (a) 16. (c) 17. (b) 18. (b) 19.
(d) 20. (b)
21. (b) 22. (a) 23. (d) 24. (c) 25. (d) 26. (b) 27. (d) 28. (a) 29.
(b) 30. (b)**



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