

IBPS RRB PO Pre 2022 20th Aug Memory Based (PDF in English)

Direction: Study the following information carefully and answer the following questions.

An uncertain number of people are sitting in a row facing north. D sits second to the left of G. Four people sit between B and D. E sits third to the right of B. A sits to the immediate left of B. Five people sit between A and F who does not sit adjacent to D. Two people sit between F and C who sits at the right end. People sit to the right of F is same as the people sitting to the left of G.

1. How many people sit in the row?
A. 17
B. 12
C. 15
D. 11
E. None of these
2. How many people sit between E and F?
A. One
B. Three
C. Two
D. Four
E. None
3. Who sits third to the left of B?
A. D
B. G
C. F
D. E
E. None of these

Direction: Study the following information carefully and answer the following questions.

A boy starts walking from point B towards north direction and goes 4m then turns left and goes for another 10m. Then turns towards right direction and stops at point G after covering 8m. A girl starts walking from point G towards east direction and goes for 8m. After that she turns towards left and goes for 4m and finally stops after covering 6m to east direction.

4. What is the final position of the girl with respect to the initial position of the boy?
A. South east
B. South



- C. North west
- D. North East
- E. None of these

5. Point G is in which direction with respect to the final position of the girl?

- A. East
- B. South
- C. South east
- D. South west
- E. None of these

Direction: Study the following information carefully and answer the given questions.

Ten boxes i.e. P, Q, R, S, T, U, V, W, X and Y are kept one above the other in a stack. Three boxes are placed between Box Q and Box R. Two boxes are placed between Box R and Box Y. Box Y is placed below Box R. Box P is placed two places below Box Y. Five boxes are placed between Box P and Box X. Box S is placed three places above Box X. Two boxes are placed between Box T and Box W. Box W is placed below Box R. Box V is placed above Box T.

6. How many boxes are placed above Box W?

- A. Three
- B. Five
- C. Four
- D. One
- E. None

7. Number of boxes placed above Box R is same as below Box ____.

- A. W
- B. S
- C. T
- D. V
- E. None of these

8. How many boxes are placed between Box R and Box Q?

- A. One
- B. None
- C. Three
- D. Two
- E. More than three

9. Which box is placed at the bottom most position?



- A. Q
- B. P
- C. Y
- D. U
- E. None of the above

10. Which box is placed between Box X and Box U?

- A. Both Q and P
- B. Only R
- C. Only R and P
- D. Only R and W
- E. None of these

Direction: What approximate value will come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value)

11. $77.99 \div 2.98 \times 23.01 = 206.96 + ?$

- A. 391
- B. 428
- C. 384
- D. 375
- E. 412

12. $46.01 \times 2.02 + 17.03 - ?^2 = 27.99$

- A. 81
- B. 15
- C. 9
- D. 18
- E. 13

13. $\left(\frac{5.03}{8.07}\right)^3 \times 1535.86 - \sqrt{898.67} = ?$

- A. 520
- B. 345
- C. 515
- D. 390
- E. 295

Direction: What approximate value will come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value)

14. $349.91 \div 13.93 \div 24.97 \times (6.08)^2 = ?$

- A. 18
- B. 121
- C. 48
- D. 36
- E. 120

Direction: What approximate value will come in place of the question mark (?) in the following question? (You are not expected to calculate the exact value)

15. $\sqrt{64.03 + 32.07 \times 5.96} = ? \div 2.04$

- A. 43
- B. 32
- C. 21
- D. 25
- E. None of these

Direction: In the following number series, only one number is wrong. Find out the wrong number.

16. 18, 21, 24, 29, 36, 47

- A. 24
- B. 18
- C. 29
- D. 36
- E. 47

Direction: In the following number series, only one number is wrong. Find out the wrong number.

17. 103, 154, 205, 256, 305, 358

- A. 154
- B. 205
- C. 256
- D. 305
- E. 358

18. 118, 151, 217, 316, 445, 613, 811

- A. 151
- B. 217
- C. 445
- D. 613



E. 811

19.8, 72, 121, 157, 182, 196, 207

A. 72

B. 157

C. 196

D. 182

E. 207

Direction: In the following number series, only one number is wrong. Find out the wrong number.

20. 2, 3, 8, 27, 112, 560, 3396

A. 3

B. 27

C. 8

D. 560

E. 112



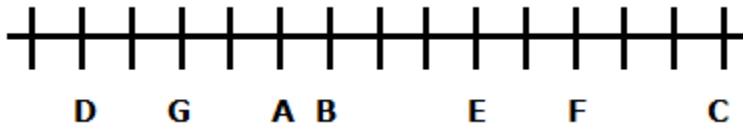
IBPS RRB PO/Clerk Mains 2022

A Score Booster Course

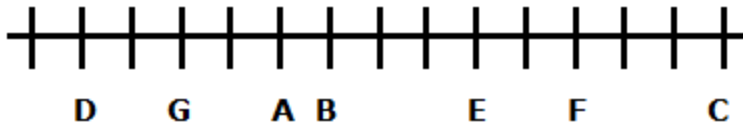
START FREE TRIAL

###ANSWERS###

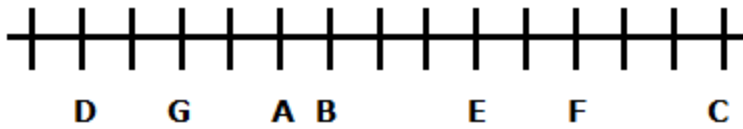
1. Ans. C.



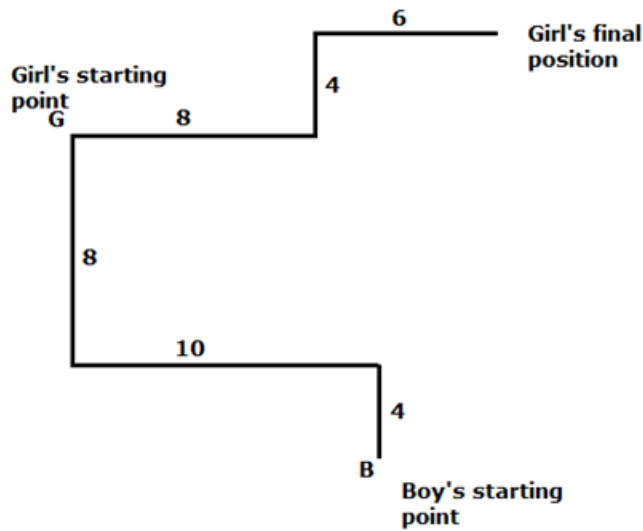
2. Ans. A.



3. Ans. B.

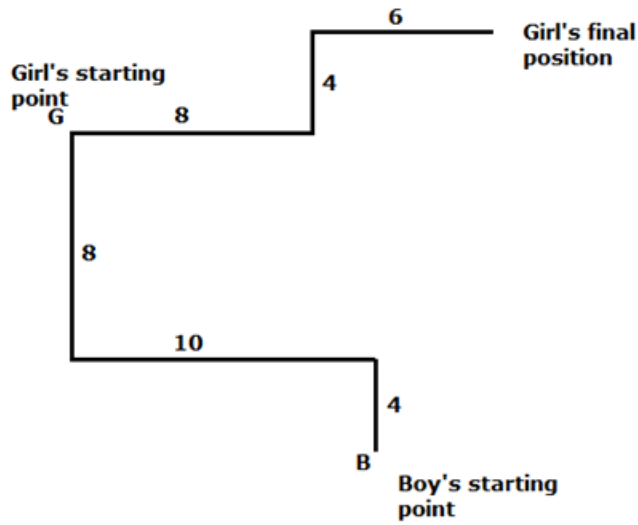


4. Ans. D.



5. Ans. D.





6. Ans. B.

S
V
T
X
R
W
U
Y
Q
P

7. Ans. A.



IBPS RRB PO/Clerk Mains 2022

A Score Booster Course

START FREE TRIAL

S
V
T
X
R
W
U
Y
Q
P

8. Ans. C.

S
V
T
X
R
W
U
Y
Q
P

9. Ans. B.



IBPS RRB PO/Clerk Mains 2022

A Score Booster Course

START FREE TRIAL

S
V
T
X
R
W
U
Y
Q
P

10. Ans. D.

S
V
T
X
R
W
U
Y
Q
P

11. Ans. A.

By approximation, we get:

$$78 \div 3 \times 23 = 207 + ?$$

$$\Rightarrow 26 \times 23 = 207 + ?$$

$$\Rightarrow 598 = 207 + ?$$

$$\Rightarrow ? = 598 - 207 = 391$$

12. Ans. C.

By approximation, we get:

$$46 \times 2 + 17 - ?^2 = 28$$

$$\Rightarrow 92 + 17 - ?^2 = 28$$

$$\Rightarrow ?^2 = 92 + 17 - 28 = 81$$

$$\Rightarrow ? = 9$$



IBPS RRB PO/Clerk Mains 2022

A Score Booster Course

START FREE TRIAL

13. Ans. B.

By approximation,

$$\begin{aligned} ? &= \left(\frac{5}{8}\right)^3 \times 1536 - \sqrt{900} \\ &= \frac{125}{512} \times 1536 - 30 \\ &= 125 \times 3 - 30 \\ &= 375 - 30 \\ &= 345 \end{aligned}$$

14. Ans. D.

By approximation, we get:

$$\begin{aligned} ? &= 350 \div 14 \div 25 \times 6^2 \\ &= 350 \times \frac{1}{14} \times \frac{1}{25} \times 36 \\ &= 1 \times 36 \\ &= 36 \end{aligned}$$

15. Ans. B.

By approximation, we get:

$$\begin{aligned} \sqrt{64 + 32 \times 6} &= ? \div 2 \\ \Rightarrow ? \div 2 &= \sqrt{64 + 32 \times 6} \\ \Rightarrow ? \div 2 &= \sqrt{64 + 192} \\ \Rightarrow ? \div 2 &= \sqrt{256} \\ \Rightarrow ? &= 2 \times 16 = 32 \end{aligned}$$

16. Ans. B.

The pattern of the series is:

$$\begin{aligned} 19 + 2 &= 21 \\ 21 + 3 &= 24 \\ 24 + 5 &= 29 \\ 29 + 7 &= 36 \\ 36 + 11 &= 47 \end{aligned}$$

Hence, the wrong number is 18.

17. Ans. D.

The pattern of the series is:

$$\begin{aligned} 103 + 51 &= 154 \\ 154 + 51 &= 205 \\ 205 + 51 &= 256 \\ 256 + 51 &= 307 \\ 307 + 51 &= 358 \end{aligned}$$

Hence, the wrong number is 305.

18. Ans. C.

The pattern of the series is:



$$118 + 33 \times 1 = 151$$

$$151 + 33 \times 2 = 217$$

$$217 + 33 \times 3 = 316$$

$$316 + 33 \times 4 = 448$$

$$448 + 33 \times 5 = 613$$

$$613 + 33 \times 6 = 811$$

Hence, the wrong number is 445.

19. Ans. C.

The pattern of the series is:

$$8 + 8^2 = 72$$

$$72 + 7^2 = 121$$

$$121 + 6^2 = 157$$

$$157 + 5^2 = 182$$

$$182 + 4^2 = 198$$

$$198 + 3^2 = 207$$

Hence, the wrong number is 196.

20. Ans. D.

The pattern of the series is:

$$2 \times 1 + 1 = 3$$

$$3 \times 2 + 2 = 8$$

$$8 \times 3 + 3 = 27$$

$$27 \times 4 + 4 = 112$$

$$112 \times 5 + 5 = 565$$

$$565 \times 6 + 6 = 3396$$

Hence, the wrong number is 560.



IBPS RRB PO/Clerk Mains 2022

A Score Booster Course

START FREE TRIAL



IBPS RRB PO/Clerk Mains 2022

A Score Booster Course

START FREE TRIAL