

How many persons are sitting in a line?



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MODEL QUESTIONS

Directions (Q.No.1-5): Study the following information carefully and answer the questions given below:

A certain number of persons are sitting in a line. All are facing towards North. They like different colors. Bharathi sits 2nd to the right of Roja, who likes red color. Bharathi sits immediate left of Vijay, who likes White color. Four persons are sitting between the persons who like White and Black colors. Pawan sits 4th from an extreme end. Seven persons are sitting between Pawan and the person who like Black color. There are as many persons to the right of the person who likes Pink color as left of Roja. Teju sits immediate left of Bharathi and is 3rd from extreme right end.

1. Which of the following color Pawan likes?
 - a) Black
 - b) White
 - c) Red
 - d) Pink
 - e) Can't be determined
2. How many persons are sitting in a line?
 - a) 16
 - b) 17
 - c) 18
 - d) 19
 - e) None of these
3. Who among the following person sits at an extreme end?
 - a) Roja
 - b) Teju
 - c) Bharathi
 - d) Vijay
 - e) Can't be determined
4. Who among the following person sits exactly in the middle of the line?
 - a) Pawan
 - b) Bharathi
 - c) Roja
 - d) Vijay
 - e) Can't be determined

5. Four of the following five are alike in certain way based from a group, find the one which does not belong to that group?
 - a) Pawan
 - b) Bharathi
 - c) Roja
 - d) Vijay
 - e) Teju

Directions (Q.No.6-10): Following questions are based on the five three - digit given below.

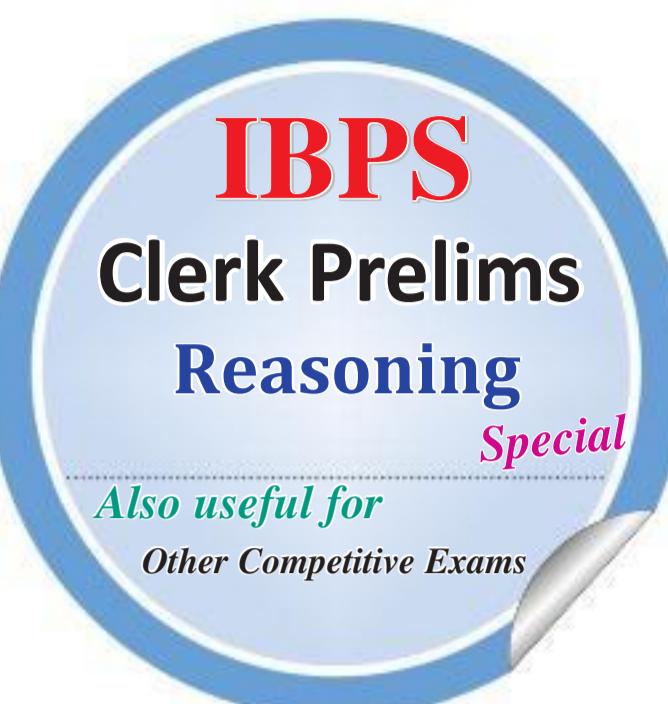
- 519 328 746 495 837
6. If half of the second highest number is subtracted from the third highest number, what will be the value?
 - a) 156
 - b) 314
 - c) 213
 - d) 146
 - e) None of these

7. If the positions of the first and the third digits in each of the numbers are interchanged, which of the following will be the second digit of the lowest number?
 - a) 1
 - b) 2
 - c) 4
 - d) 9
 - e) 3

8. If in each number the third digit becomes the first digit, the first digit becomes the second digit and the second digit becomes the third digit, which of the following will be the third digit of the lowest number?
 - a) 1
 - b) 2
 - c) 4
 - d) 9
 - e) 3

9. Which of the following represents the difference between the first and the second digits of the second highest number?
 - a) 4
 - b) 1
 - c) 3
 - d) 5
 - e) None of these

10. If '1' is subtracted from the third digit of each number and '1' is added to the first digit of each number, which of the following will be the sum of the second and third digits of the second lowest number?
 - a) 16
 - b) 17
 - c) 18
 - d) 19
 - e) None of these



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between Gautum and Lohit?

- a) None
- b) 1
- c) 2
- d) 3
- e) 4

14. In which of the following years did Gautum graduate?

- a) 1977
- b) 1990
- c) 1983
- d) 1981
- e) Cannot be determined

15. Who among the following graduated immediately after Dev?

- a) Karan
- b) Jagat
- c) Gautum
- d) Lohit
- e) Hritik

Directions (Q.No.11-15): Study the following information carefully and answer the questions given below:

In a certain code language "Poem Flower Fly Around" is written as "E6 S6 N4 Z3",

"Poetry Object Delight Cute" is written as "U7 F4 Z6 U6", "Tale Fairy Reality Differ" is written as "Z7 S6 F4 Z5",

16. What is the code for 'Bharathi' in the given code language?

- a) B7
- b) N5
- c) H4
- d) J8
- e) None of these

17. What is the code for the word 'Beauty Thought' in the given code language?

- a) Z6 U6
- b) C6 U7
- c) Z7 U7
- d) Z6 U7
- e) None of these

18. If the code for the words 'Ultimate happiness _____' is coded as 'F8 T9 M4' in the coded language then what will be the missing word?

- a) Soul
- b) Mind
- c) Surround
- d) Goal
- e) Both a and d

19. What is the code for 'Tomorrow' in the given code language?

- a) U7
- b) D7
- c) X8
- d) X7
- e) None of these

20. What is the code for 'Sakshi' in the given code language?

- a) U7
- b) J6
- c) X8
- d) X7
- e) None of these

Directions (Q.No.21-23): Study the following information carefully and answer the questions given below:

There are seven members in a family spanned across three generations. Kiran is the son of Siva. Tarun is the son of Alekhy. Raju is the father-in-law of Alekhy. Siva is the brother-in-law of Kavitha. Banu has only one child but it is not Kavitha. Either both or none of the parents of a person are alive. Alekhy does not have a brother. Banu is not married to Alekhy.

21. How is Kavitha related to Tarun?

- a) Mother
- b) Father
- c) Grandmother
- d) Aunt
- e) Uncle

22. Which of the following is true about Kiran and Tarun?

- a) Kiran is the paternal uncle of Tarun
- b) Kiran is the cousin of Tarun's mother
- c) Kiran and Tarun are cousins
- d) Kiran is the cousin of Tarun's father
- e) Kiran and Tarun are siblings

23. How is Banu related to Alekhy?

- a) Sister - in - law
- b) Sister of mother-in-law
- c) Mother - in - law
- d) Brother - in - law
- e) Sister of father- in - law

Directions (Q.No.24-25): In each of the questions below are given some statements followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts. Give answer as:

- a) If only conclusion I follows
- b) If only conclusion II follows
- c) If either conclusions I or II follows
- d) If neither conclusion I nor II follows
- e) If both conclusions I and II follows.

24. Statements:

Only a few Mango is Apple.
All wood is Apple.

No Grapes is Mango.

Conclusions:

- I. Some Apple is Grapes
- II. No Apple is Grapes.

25. Statements:

All Yellow is Pink.

No Green is Blue.

Few Green is Yellow.

Conclusions:

- I. Some Blue being Pink is a possibility
- II. No Blue is Pink.

KEY WITH SOLUTIONS

(1-5)

- 1) d; 2) b; 3) d; 4) e; 5) d

Pawan				Roja	Teju	Bharathi	Vijay
Pink				Black	Red		White

(6-10)

6. d; Half of the second highest number is $746/2 = 373$

Third highest number is $519 = 519 - 373 = 146$

7. d; Lowest number is 594, second digit is 9.

8. d; 1st 2nd 3rd becomes as 3rd 1st 2nd

Third digit of the lowest number is $594 \Rightarrow 459 \Rightarrow 9$

9. c; Second highest number is 746 $\Rightarrow 7-4=3$

10. a;

519 328 746 495 837

618 427 845 594 936

Second lowest number is $594 \Rightarrow 9+4=13$.

- (11-15)

- 11) b; 12) c; 13) b; 14) d; 15) d

YEAR	PERSON
1977	Jagat
1981	Gautum
1983	Dev
1989	Lohit
1990	Hritik
1995	Nakul
1998	Akshay
1999	Karan

- (16-20)

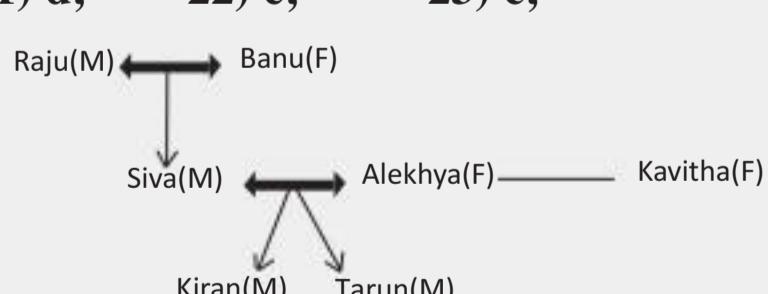
- 16) d; 17) d; 18) e; 19) c;

- 20) b ; SAKSHI

J	6
Letter immediate after the last letter of the word.	Total number of letters in the word.

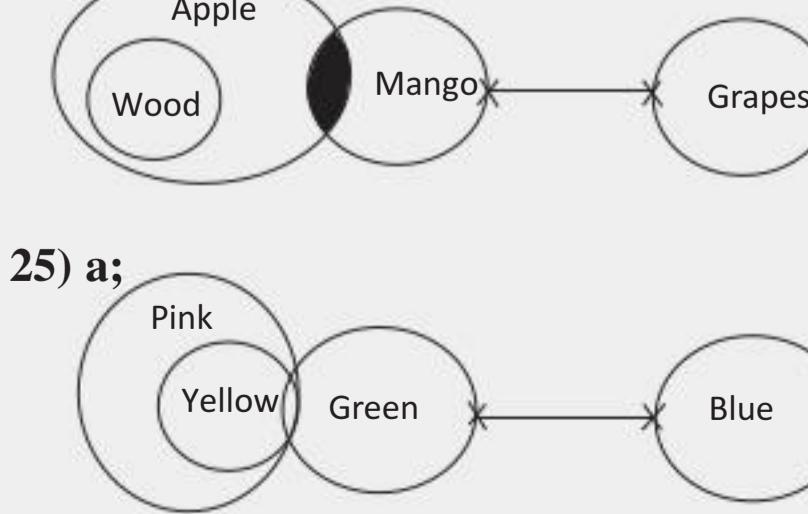
(21-23)

- 21) d; 22) e; 23) c;



(24-25)

- 24) c;



25) a;

Blue