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# Important Reasoning & Quant Questions for IBPS RRB PO , SO 2017

Here in this Ebook 29 Important Questions collection of Reasoning and Quantitative Section, This will help to crack your IBPS RRB, PO SO Exam 2017

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# REASONING SECTION

**Directions (1-5) :** Study the following information carefully and answer the questions given below. Eight persons i.e., E, F, G, H, W, X, Y and Z are sitting in two parallel rows containing four persons each in such a way that there is an equal distance between adjacent persons. E, F, C and H are sitting in row-1 facing north and W, X, Y and Z are sitting in row-2 facing south. (but not necessarily in the same order.) Thus, each person sitting in row-1 faces another person sitting in row-2. Each of the two rows consists of the one Professor, one Leader, one Technician and one Doctor (but not necessarily in the same order).

- The Doctor of row-1 sits second to the right of H. E is an immediate neighbour of H. E faces the Leader of row-2
- X sits to the immediate right of the Leader. X faces one of the immediate neighbours of the Professor of row-1. The Professor of row-1 does not sit at any of the extreme ends of the line.
- W sits second to the left of Y. Z does not face C. F faces the Professor of row-2. In both the rows, only one person sits between the Professor and the Technician. W is not a Doctor.

1. Which of the following represent both the immediate neighbours of W?

- (1) X and the Leader of row-2
- (2) Y and the Technician of row-2
- (3) V and the Doctor of row-2
- (4) X and the Professor of row-2
- (5) Y and the Doctor of row-2

2. Who amongst the following sits to the immediate left of the Leader of row-1?

- (1) The Professor of row-1
- (2) F
- (3) H
- (4) C
- (5) No one

**3- Which of the given statements is true with respect to the given arrangement?**

- (1) None of the given statements is true
- (2) V sits to the immediate right of Z.
- (3) The Technician of one row faces the Doctor of another row.
- (4) V and H face each other.
- (5) H is a Technician

**4. if E and X interchange their places and so do G and z then who amongst the following will face w?**

- (1) X
- (2) Other than those given as options
- (3) A
- (4) Z
- (5) H

**5. Which of the following represent the people sitting at extreme ends of both the lines?**

- (1) F, Handz, W
- (2) G, HandX, Y
- (3) E, H and Y Z
- (4) G, E and Z, V
- (5) C, F and W, Y

**Directions (6-10) :** Study the following information carefully and answer the questions given below.

- K is the brother of J. J is the brother of Y.,
- Y is the sister of T. T is married to Q. S is the father of J.
- S has only one daughter. S is married to R.
- K is the brother of D. U is the father-in-law of D.

**6.** If each vowel in the word 'REMAINS' is changed to next alphabet according to the English alphabetical series and each consonant is changed to previous letter, how many alphabets will be there in the English alphabetical series between the letters which are at extreme ends of the new word thus formed?

- (1) None
- (2) One
- (3) Two
- (4) Three
- (5) Four

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**7.** How many such pairs of letters are there in the word 'LENGTH' each of which has as many letters between them in the word (in both forward and backward directions) as they have between them in the English alphabetical series?

- (1) None
- (2) one
- (3) Two
- (4) Three
- (5) More than three

**8.** If U is the father of C, then how is D related to C?

- (1) Cousin
- (2) Husband
- (3) Wife

(4) Cannot be determined

(5) Brother

9- If Y is married to I', then how is S related P?

(1) Cannot be determined

(2) Sister

(3) Brother-in-law

(4) Sister-in-law

(5) None of the above

10. How is D related to Y?

(1) Cannot be determined

(2) Mother

(3) Uncle

(4) Father

(5) Aunt



**Directions (11-15) :** Study the following information carefully and answer the questions given below.

- In a certain code language, 'challenges for rural education' is written as 'ix pr bt ze'.
- 'find measures for problems' is written as 'ws dl ze ho'.
- 'experts find challenge difficult' is written as 'bt ka mu dl' ka.
- 'education difficult in villages' is written as 'xq Cg pr (All codes are two letter codes only).

11. If 'experts find solutions' is written as 'dl ny mu' in the given code language, then what will 'rural solutions difficult' be coded as?

- (1) nyvska
- (2) nyprdl
- (3) kamuny
- (4) Other than those given as options
- (5) vx ka xq

**12. What is the code for 'villages' in the given code language?**

- (1) ws
- (2) mu
- (3) either 'xq' or 'cg'
- (4) Other than those given as options
- (5) either 'pr' or 'ze'

**13. What will be the code for 'find education' in the given code language?**

- (1) kapr
- (2) prdl
- (3) zeka
- (4) dlws
- (5) Other than those given as options



**14. What is the code for 'challenges' in the given code language?**

- (1) cr
- (2) Other than those given as options
- (3) ka
- (4) ze
- (5)bt

**15. In the given code language, what does the code 'ho' stand for?**

(1) either 'measures' or 'problems'

(2) either 'for' or 'experts'

(3) rural

(4) find

(5) difficult

## QUANTITATIVE APTITUDE

**Directions (16-20) :** Study the following information carefully to answer the given questions.

This data is regarding number of Junior College students, Graduate students and Post-Graduate students (PG) only, studying in college A, B, C and D.

- The respective ratio between the total number of students studying in the College A, B, C and D is 3: 5:2: 5.
- In College A, 40% of the total number of students are Junior College students. Out of the remaining, the respective ratio between the number of Graduate students and number of PG students is 5: 4.
- In College B,  $\frac{2}{5}$ th of the total number of students are Junior College students. Out of the remaining, the respective ratio between the number of Graduate students and number of PG students is 5, : 3.
- In College C, 50% of the total number of students are Junior College students. Out of the remaining,  $\frac{5}{8}$ th are Graduate students and the remaining are PG students.
- In College D, 35% of the total number of students are Graduate students,  $\frac{1}{4}$ th of the remaining students are  $\frac{8}{13}$ th Junior College students and the rest 1500 are PG students.

**16. What is the respective ratio between the total number of graduate students in College A and the total number of Graduate students in College B?**

(1) 2:5

(2) 8:15

(3) 7:15

(4) 9:20

(5) 815

**17. What is the difference between the total number of PG students in College A and B together and that in College C and D together?**

(1) 320

(2) 340

(3) 360

(4) 260

(5) 280

**18. The number of Graduate students in College D is what percent more than the number of Graduate students in College C?**

(1) 180

(2) 200

(3) 150

(4) 160

(5) 175

**19. What is the average of total number of Junior College students in College A, B and C together?**

(1) 1585

(2) 1680

(3) 1640

(4) 1565

(5) 1660

**20. What percentage of the total number of students in College D are Junior College students?**

(1) 45

(2) 351

(3) 451

(4) 35

(5) 40

**Directions (21-24) What will come in place of the question-mark (?) in the given number series ?**

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**21. 500 484 451 384 266 ?**

(1) 36

(2) 80

(3) 56

(4) 64

(5) 52

**22. 9 45 6 14?**

(1) 48.5

(2) 42

(3) 32.5

(4) 20

(5) 36

23. 100 52 28 16 10 ?

(1) 7

(2) 3

(3) 6

(4) 4

(5) 5

24. 3 5 13 43 177 ?

(1) 723

(3) 930

(5) 550

(2) 645

(4) 891



**Directions (25-29):** In the following questions two equations numbered I and II are given. You have to solve both the equations and

Give answer (1) if  $x > y$

Give answer (2) if  $x = y$

Give answer (3) if  $x < y$

Give answer (4) if  $x \neq y$ .

Give answer (5) if  $x = y$  or the relationship between  $x$  and  $y$  can not be established.

25. (I)  $x^2 - 4x - 12 = 0$  (II)  $y^2 - 5y - 14 = 0$

26. (I)  $3x^2 - 22x + 40 = 0$  (II)  $5y^2 - 21y + 16 = 0$

27. (I)  $25x^2 + 35x + 12 = 0$  (II)  $5y^2 + 9y + 2 = 0$

28. (I)  $12x^2 + 7x + 1 = 0$     (II)  $6y + 5y + 1 = 0$

29. (I)  $3x^2 - 13x - 10 = 0$     (II)  $3y^2 + 10y - 8 = 0$

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