

IBPS Clerk Mock Test 3

Directions Q. (1-4): Study the following information carefully and answer the questions given below: There are eight people, P, Q, R, S, T, U, V and W standing in a straight line. They are facing north and each one of them has a different age, i.e. 16, 18, 20, 22, 24, 26, 28 and 30 years, but not necessarily in the same order.

Q sits at one of the extreme ends of the row. There are three people sitting between R and U. U is neither 16 years nor 22 years old. There are two people sitting between S and the person whose age is 26 years old. Neither U nor S is the oldest person. Age difference of immediate neighbours of S is 4 years. P sits to the right of V, but not to the immediate right. There are three people sitting between Q and the one whose age is 18 years. The one whose age is 22 years sits third to the right of R. V sits to the right of Q and U sits second to the right to the person whose age is 26 years. T sits to the immediate left to the person whose age is 16 years. U is not the youngest person. The one whose age is 30 years is not the immediate neighbour of the youngest person. R is not the fourth oldest person.

Q. (1) Who sits second to the right of Z?

- a. P
- b. W
- c. T
- d. V
- e. None of the above

Answer: d

Q. (2) How many persons sit between W and the person whose age is 30 years?

- a. One
- b. Four
- c. Five
- d. Two
- e. None of the above

Answer: b

Q. (3) Who among the following is 28 years old?

- a. P
- b. S
- c. T
- d. R
- e. W

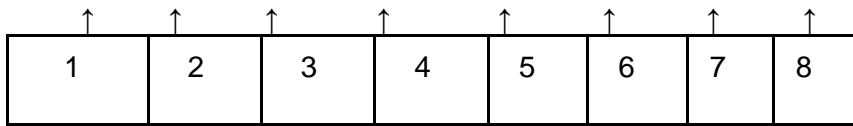
Answer: d

Q. (4) Find the age difference between W and U?

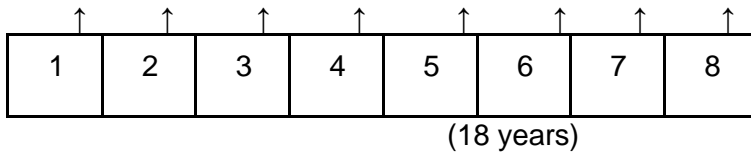
- a. Two
- b. Four
- c. Six
- d. Eight
- e. None of the above

Answer: c

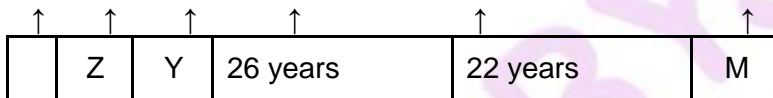
Solution: Mark 8 positions facing north



Since Q sits at the extreme ends and V sits to the right of Q, so, Q must sit at position 1. There are three people sitting between Q and the one whose age is 18 years, so the people whose age is 18 years must sit at position 5.



Now there are three people sitting between R and U. Also one whose age is 22 years sits third to the right of R and U sits second to the right of the person whose age is 26 years. Considering this condition, we can say that R must be to the left side of U. Also there are two people sitting between S and the person whose age is 26 years. So, the possible arrangements can be as follows:

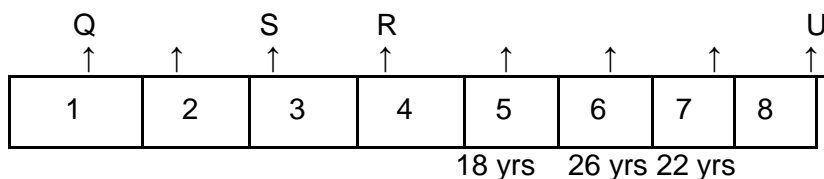


(1)



(2)

As it is already known that Q is sitting in extreme left, so, if we place Q adjacent to R, then the condition of Q and 18 years old having three people between them is violated. Hence, the possible arrangement is as follows:



Now the only possible age S can take is either 16 years or 20 years since 28/30 and 24/28 must be taken by Z's neighbour. Also the ages that U can take are 24 years or 20 years. Since T sits immediately to the left of the person whose age is 16 years, so the only possible place where T can sit at position 2 and thus, S will be of 16 years. Now P sits right to V, but not immediately right. Therefore, P will be at position 5. Thus, W will be at position 6.

Now the one whose age is 30 years is not the immediate neighbour of the youngest person. So, Q will be 30 years old, and as R will be 28 years and, thus, U will be 20 years old. Therefore, the final arrangement will be as follows:

Q	T	S	R	V	W	P	U
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↑	↑	↑	↑	↑	↑	↑	↑
1	2	3	4	5	6	7	8

30	24	16	28	18	26	22	20
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Directions Q. (5-7): What approximate value should come in place of the question mark (?) in the following questions?

Q. (5) 24.2, 33.8, ?, 57.8, 72.2

- a. 45.2
- b. 45
- c. 57.2
- d. 54.2

Answer: b

Solution: The pattern of the given series is as follows:

- $(11)^2 / 5 = 24.2$
- $(13)^2 / 5 = 33.8$
- $(15)^2 / 5 = 45$
- $(17)^2 / 5 = 57.8$

$$(19)^2 / 5 = 72.2$$

Q. (6) 50, 130, ?, 440, 670

- a. 200
- b. 270
- c. 260
- d. 400

Answer: c

Solution: The pattern of the given series is as follows:

- $25 + (5)^2 = 50$
- $30 + (10)^2 = 130$
- $35 + (15)^2 = 260$
- $40 + (20)^2 = 440$
- $45 + (25)^2 = 670$

Q. (7) 20, 84, 268, ?, 12660

- a. 810
- b. 932
- c. 842
- d. 640

Answer: b

Solution: The pattern of the given series is as follows:

- $(4 \times 6) - 4 = 20$
- $(4 \times 22) - 4 = 84$
- $(4 \times 68) - 4 = 268$
- $(4 \times 234) - 4 = 932$
- $(3166 \times 4) - 4 = 12660$

Directions Q. (8-10): Read each of the following statements and find out the correct relationship from the given options.

Q. (8) $P > Q \geq R < S < T$

- a. $P \geq R$
- b. $T > R$
- c. $S \geq Q$
- d. $P > S$

Answer: b

Solution: Break the statement $P > Q \geq R < S < T$ into two parts:

- I. $P > Q \geq R$
- II. $R < S < T$

From the above two statements, we can get two conclusions:

- I. $P > R$
- II. $T > R$

Q. (9) In which of the following statements will the relation ' $A > D$ ' be false?

- a. $A > B \geq C = D$
- b. $D \leq C \leq B < A$
- c. $D > B \geq C < A$
- d. $D < B \leq C < A$

Answer: c

Solution:

- From the statement (a), $A > B \geq C = D$, we can conclude:

$$A > C = D$$

Therefore, $A > D$

- From the statement (b), $D \leq C \leq B < A$, we can conclude:

$$B > D \text{ and } A > D$$

- From the statement (c), $D > B \geq C < A$, we can conclude:

$$C < D \text{ and } A > C$$

- From the statement (d), $D < B \leq C < A$, we can conclude:

$A > D$

Q. (10): Complete the statement 'K ___ L ___ M ___ N' using the following symbols in such a manner that $N < K$ is true.

- $\geq, =, >$
- $\leq, <, =$
- $\geq, =, <$
- $>, \geq, <$

Answer: a

Solution:

- If $K \geq L = M > N$, then we can conclude: $N < K$
- If $K \leq L < M = N$, then we can conclude: $N > K$
- If $K \geq L = M < N$, then we can conclude: $K \geq M, N > M$
- If $K > L \geq M < N$, then we can conclude: $K > M, N > M$

Directions Q. (11-12): Choose the antonym for the word given in each question.

Q. (11) Wane

- Diminish
- Slump
- Curb
- Boost

Answer: d

Solution: The word 'Wane' stands for 'weakness', therefore, the opposite word will be 'boost'.

Q. (12) Rebut

- Credence
- Promote
- Opposed
- Scepticism

Answer: b

Solution: The word 'Rebut' means 'to deny', therefore, the opposite word for it will be 'promote'.

Q. (13) In India, the individual tax rates are substantially _____ compared to the tax rates in the European countries but slightly _____ than those in most emerging markets.

- Decreasing, increasing
- Lesser, higher
- Lower, higher
- Low, high

Answer: c

Q. (14) The teacher called upon the students to _____ interest in sports and participate in various competitions in order to _____ their sportsmanship.

- Take, develop
- Develop, increase

- c. Grow, develop
- d. Generate, show

Answer: a

Q. (15) Find the synonym of the following word

Significant

- a. Substantial
- b. Miniscule
- c. Incoherent
- d. Unimportant
- e. Irrelevant

Answer: d

Q. (16) Riya certainly _____ up to the expectations of the audience by _____ them with her performance.

- a. Stood, enticing
- b. Lived, wooing
- c. Met, attracting
- d. Summed, belting

Answer: b

Directions Q. (17-20): Find the grammatical errors in each of the following sentences. The error, if any, will be in one part of the sentence. If there is no error, mark the answer as (5).

Q. (17) The cops, who (1) / was deployed heavily (2) / in the area, did nothing to (3) / dissuade the protestors. (4) / No error (5)

- a. (1)
- b. (2)
- c. (3)
- d. (4)
- e. (5)

Answer: b

Solution: The cops, who were deployed heavily in the area, did nothing to dissuade the protestors.

Q. (18) I had found (1) / the window pane broken (2) / when i first came (3) / into the room. (4) / No error (5)

- a. (5)
- b. (1)
- c. (3)
- d. (4)

Answer: a

Solution: I found the window pane broken when I first came into the room.

Q. (19) She always(1) / landed into (2) / more trouble (3) / than me. (4) / No error (5)

- a. (4)
- b. (3)
- c. (2)
- d. (5)
- e. (1)

Answer: a

Solution: She always landed into more trouble than I.

Q. (20) The right to adequate food (1) / and clean drinking water (2) / should be regarded as a (3) / basic right of all citizens of India. (4) / No error (5)

- a. (5)
- b. (4)
- c. (3)
- d. (2)
- e. (1)

Answer: a

Directions Q. (21- 22): Study the following information carefully to answer the questions.

There are five departments in a company namely A, B, C, D and E. The number of employees in department A is 25% of the total number of employees in the company. The number of employees in department C is 60 % of the number of employees in department A. The number of employees in department D is $\frac{3}{4}$ th of the number of students in department C. The number of employees in department E is $\frac{1}{2}$ the number of employees in department C. The number of employees in department E is 450.

Q. (21) The total number of employees in department B and C together is approximately what percent more than the total number of employees in department A and D together?

- a. 22
- b. 50
- c. 55
- d. 35

Answer: c

Q. (22) What is the average number of employees in department B, C and E?

- a. 1275
- b. 1200
- c. 900
- d. 870

Answer: a

Solution Q. (21-22):

Employees in department E = 450

Therefore, the total number of employees in department C = $450 \times 2 = 900$

Total number of employees in department D = $\frac{3}{4} \times 900 = 675$

Total number of employees in department A = $900 \times (100 / 60) = 1500$

Therefore, the number of employees in the company = $1500 \times 4 = 6000$

Now, the total number of employees in department B = $(6000 - 450) - (900 - 675) - 1500 = 2475$

Employees in department B and C = $2475 + 900 = 3375$

Students in college A and B = $1500 + 675 = 2175$

Therefore, required percent = $[(3375 - 2175) / 2175] \times 100 = 55$

Average number of employees in department B, C and E = $(2475 + 900 + 450) / 3$
 $= 3825 / 3$
 $= 1275$

Directions Q. (23-25): Read the following information carefully to answer the following questions. The following table shows the percentage share of profit of five companies from 2014 to 2018 in total profit of these companies together. Study the table and select the appropriate answers.

Company	2015	2016	2017	2018
HP	27%	13%	19%	11%
Lenovo	27%	35%	31%	27%
Infosys	14%	16%	17%	19%
Dell	26%	28%	21%	23%
Wipro	6%	8%	12%	20%
Total profit in crores	1850	1640	1250	2130

Q. (23) How many companies have experienced an increase in profit from 2016 to 2017?

- a. HP and Wipro
- b. Dell and Infosys
- c. HP and Dell
- d. Lenovo and HP

Answer: a

Solution: Profit of HP in 2016 = 13% of 1640 = 213.2 crores

Profit of HP in 2017 = 19% of 1250 = 237.5 crores

Profit of Infosys in 2016 = 16% of 1640 = 262.4 crores

Profit of Infosys in 2017 = 17% of 1250 = 212.5 crores

Profit of Wipro in 2016 = 8% of 1640 = 131.2 crores

Profit of Wipro in 2017 = 12% of 1250 = 150 crores

Therefore, profit of HP and Wipro has increased from 2016 to 2017.

Q. (24) What is the difference of profit of Dell in 2018 and Infosys in 2017?

- a. 102.40 crores
- b. 90.87 crores
- c. 104.20 crores
- d. 120.75 crores

Answer: c

Solution: Profit of Dell in 2018 = 9% of 2130 = 191.70 crores

Profit of Infosys in 2017 = 17% of 1250 = 212.50 crores

Required difference = 191.7 - 212.5 = -20.80 crores

- Q. (25)** What percentage of profit of Wipro in 2018 is profit of Infosys in 2015?
- a. 60%
 - b. 40%
 - c. 80%
 - d. 69%

Answer: d

Solution: Required percentage = $(16/20) \times 100 = 80\%$

