Order & Ranking for IBPS RRB PO Prelims Exam

Direction (1-2): Answer the questions based on the information given below.
Six persons A, B, C, D, E and F have different weights. D is heavier than at least three persons. E is heavier than D and C. C is heavier than A. A is not the lightest. F is heavier than two persons.

Solution:
Now, D is heavier than at least three persons. E is heavier than D and C. C is heavier than A. Neither A is not the lightest. F is heavier than two persons. So, we have,
E > C/D > D/C > F > A > B

Question 1: How many persons are heavier than D?
A) Three
B) Two
C) One
D) Four
E) Cannot be determined

Solution:
Either two or one person is heavier than D.
Hence, option e.

Question 2: Who among the following is the lightest?
A) A
B) B
C) E
D) D
E) None of these

Solution:
B is the lightest.
Hence, option b.

Direction (3-4): Answer the questions based on the information given below.

There is a racing competition among six persons P, Q, R, S, T, W. P ran faster than both S and T. Q ran faster than R and W, who ran slower than both S and T. P finishes first in the competition. R finishes third in the competition.

Solution:

P ran faster than both S and T.

P > S/T

Q ran faster than R and W, who ran slower than both S and T.

Q > R/W, W > S/T

P finishes first in the competition. R finishes third in the competition.

The arrangement of their positions in the competition is as follows.

P > Q > R > S/T > T/S > W

Question 3: Who finish 4^{th} in the competition?

A) Q

B) T

C) S

D) W

E) Can't be determined

Solution:

The arrangement of their positions in the competition is as follows.

P > Q > R > S/T > T/S > W

Hence, option e.

Question 4: Who among the following finishes 2^{nd} in the competition?

A) T

B) Q

C) W

D) S

E) None of these

Solution:

Q finishes the 2^{nd} in the competition.

Hence, option b.

Direction (5-6): Answer the questions based on the information given below.

Six persons P, Q, R, S, T and U are of different weights.

Q is heavier than R and S. Only two persons are heavier than T.

U is not lighter than Q. P is lighter than R but not the lightest.

R's weight is 45 kg.

Solution:

Only two persons are heavier than T.

_ > _ > T > _ > _ > _

Q is heavier than R and S. U is not lighter than Q.

U > Q > R/S

P is lighter than R but not the lightest.

R weight is 45 kg.

The final arrangement is as follows:

U > Q > T > R(45) > P > S

Question 5: Which of the following persons is third lightest among all?

A) U

B) R

C) Q

D) T

E) None of these

Solution:

R is the 3rd lightest among all.

Hence, option b.

Question 6: What could be the possible weight of S?

A) 46

B) 52

C) 44

D) 51

E) 60

Solution:

The weight of S could be 44kg.
Hence, option c.

Question 7: If the sum of the weights of R and U is 105kg then what is sum of weights of U and P, whose weight is 10kg less than R?
A) 95 kg
B) 45 kg
C) 60 kg
D) 100 kg
E) None of these

Solution:
If the sum of the weights of R and U is 105kg which means the weight of U is 60kg. Also, weight of P is 10kg less than R which means the weight of P is 35kg so the sum is 95kg.
Hence, option a.

Directions (8-9): Answer the questions based on the information given below.
Six persons, L, M, N, P, R and T have different weights. M is heavier than P and N. L is heavier than T. R is heavier than N. M is not heavier than R. R is not the heaviest person.

Solution:
M is heavier than P and N. L is heavier than T. R is heavier than N. M is not heavier than R. R is not the heaviest person.
The final arrangement is as follows:
L > R > M > P, N and L > T

Question 8: Who is the 3rd heaviest person?
A) R
B) M
C) T
D) None of these
E) Cannot be determined

Solution:
The 3rd heaviest person cannot be determined.

Hence, option e.

Question 9: How many persons are lighter than L?

A) 3

B) 4

C) 2

D) 5

E) None of these

Solution:

5 persons are lighter than L.

Hence, option d.

Question 10: Six persons, A, B, C, D, E and F have different number of pebbles. D has more pebbles than C and E. F has more pebbles than A. B has more pebbles than at least 2 persons. C doesn't have the lowest number of pebbles. Who has 2nd highest number of pebbles?

A) B

B) D

C) F

D) A

E) Cannot be determined

Solution:

D has more pebbles than C and E, i.e. D > C, E

F has more pebbles than A.

B has more pebbles than at least 2 persons.

C doesn't have the lowest number of pebbles, so we cannot get any proper arrangement from the given information.

Hence, option e.