Quiz Date: 15th September 2020

Directions (1-5): Study the information carefully and answer the questions given below.

Seven boxes P, Q, R, S, T, U and V are placed one above other in a stack. Each box contains different numbers of pens i.e. 21, 17, 13, 25, 36, 8 and 15. All information is not necessarily in same order.

Two boxes are placed between P and U. The number of pens in box U is a prime number. Box R placed just above the box which contain 17 pens. Box V is placed just below box P and contains lowest number of pens. Two boxes are placed between box V and box Q, which contains 36 pens. Box P contains 8 pens more than box U. Box P does not contain less than 22 pens. Two boxes are placed between box S and box T. Box T contain more numbers of pen than box S. Box Q does not placed just above and just below box S. The number of pens in box Q is perfect square of a number. Box R contains number of pens that is multiple of 5.

Q1. Which of the following box is placed just above the box which contains 36 pens?
(a) R
(b) P
(c) T
(d) U
(e) None of these

Q2. Which of the following box contains 13 pens?
(a) T
(b) Q
(c) V
(d) R
(e) None of these

Q3. Which of the following pair of boxes is placed just above and just below respectively of box T?
(a) U, P
(b) Q, P
(c) R, Q
(d) P, S
(e) None of these

Q4. Four of the following five are alike in certain way based from a group, find the one that does not belong to that group?
(a) U-21
(b) Q-25
(c) R-13
(d) T-8
(e) S-25

Q5. How many boxes are placed between box U and Box S?
(a) Two
(b) Three
c) Four
(d) More than Four
(e) None

Directions (6-8): Study the following information carefully and answer the question given below:
Five boxes are arranged in a horizontal manner. Each box contains different number of bulbs. Box E contains more bulbs than box B. The box which is second lightest contains 11 bulbs. Box A contains more bulbs than box D. Box E contains number of bulbs which is an even number and Box C contains an odd number of bulbs. Box C contains more bulb than box E. Box D does not have least number of bulbs. The box which contains maximum number of bulbs contain 30 bulbs.

Q6. Which of the following box contains maximum number of bulbs?
(a) E
(b) D
(c) B
(d) A
(e) None of these

Q7. What is the possible number of bulbs in box E?
(a) 23
(b) 15
(c) 22
(d) 19
(e) None of these

Q8. Which of the following box contains lowest number of bulbs?
(a) C
(b) B
(c) E
(d) A
(e) D

Q9. In which of the following expression will the expression 'I≤K' does not hold true?
(a) I≤G=M≤K≤H
(b) G>J=K≥L≥M=I
(c) M<K=H≥J=I
(d) G≥H=L≥I=K
(e) I≤H=K<G<J

Q10. If the expressions, 'K<J≤I>H', 'I≥G' and 'N≥J' are true then which of the following combinations will be definitely true?
(a) N = I
(b) K < N
(c) G = N
(d) K < H
(e) None of these

Directions (11-15): Study the information carefully and answer the questions given below.
Six persons P, R, U, V, W and T are sitting around a triangular table such that three of them sit at the corners and the rest on the middle of the side. The one who sits at the corner face away from the center and the one who sits at the middle of the side face towards the center. They also like different bikes. One of the persons likes Hero bike. P sits second to the left of the one who likes KTM. Only two persons sit between W and U. V sits second to the left of the one who likes Suzuki. W sits second to the right of R. Neither V nor W likes KTM. The one who likes Harley sit second to the right of the one who likes Honda. U sits middle of the side and likes Bajaj. P does not like Hero.

Q11. Who among the following likes Hero?
(a) P
(b) U
(c) T
(d) R
(e) V

Q12. Who among the following sits immediate right of the one who likes KTM?
(a) R
(b) P
(c) U
(d) T
(e) None of these

Q13. How many persons sit between P and R, when counted right of P?
(a) Two
(b) One
(c) Three
(d) Four
(e) None of these

Q14. What is the position of V with respect to T?
(a) Immediate left
(b) Third to the right
(c) Immediate right
(d) Third to the left
(e) Second to the left

Q15. Four of the following five from a group, which among the following does not belong to this group?
(a) U-Hero
(b) T-Bajaj
(c) R-Honda
(d) V-Suzuki
(e) P-Harley

Solutions

Solution (1-5):
Sol.

Box	Pens
R	15
U	17
Q	36
T	21
P	25
V	8
S	13

S1.Ans (d)
S2.Ans (e)
S3.Ans (b)
S4.Ans (c)
S5.Ans (c)

Solutions (6-8):
Sol. A (30) > C > E > D (11) > B
S6. Ans. (d)
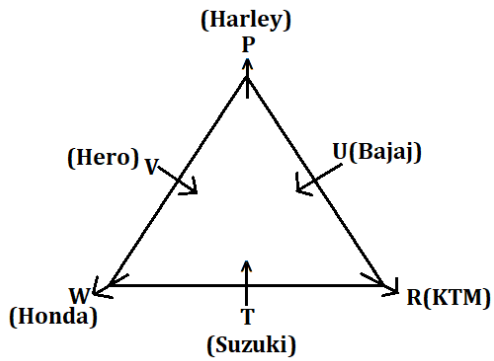S7. Ans. (c)
S8. Ans. (b)

S9. Ans. (d)
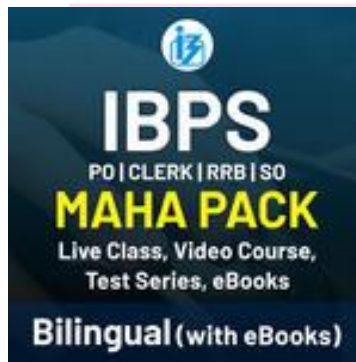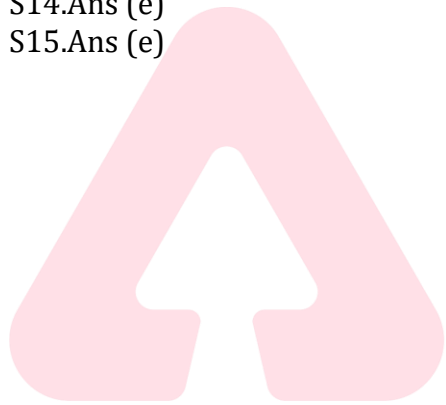
S10. Ans. (b)

Solutions (11-15):
Sol.

Sol.
S11.Ans (e)
S12.Ans (d)
S13.Ans (b)
S14.Ans (e)
S15.Ans (e)

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