

IX - Mathematics Assignment No.-04 - StatisticsFrequency Distribution - M.C.Q.-Type.Choose the correct choice out of 4 choices

Given the following table:

Marks obtained	Number of Students
1 - 10	5
11 - 20	7
21 - 30	12
31 - 40	6
41 - 50	4

Choose the correct answer, by considering the above table, from the following

(Q1) class size is

- (i) 10      (ii) 9.5      (iii) 9      (iv) 8.5

(Q2) <sup>True</sup> Upper limit of 11-20 is

- (i) 11      (ii) 20.5      (iii) 20      (iv) 11.5

(Q3) class mark of 31-40 is

- (i) 9      (ii) 4.5      (iii) 35.5      (iv) 25.5

Cont Pg 2

(Q4) The distribution given in the table is

- (i) Exclusive (ii) Inclusive (iii) limiting (iv) none

(Q5) Cumulative frequency of the 4<sup>th</sup> class is

- (i) 12 (ii) 24 (iii) 30 (iv) 34

(Q6) The adjustment factor of the given distribution is

- (i) 0.5 (ii) 1 (iii) 1.5 (iv) 2

(Q7) In an examination, seven students scored the following marks in Mathematics

62, 59, 70, 49, 65, 72, 98.

The range of marks is

- (i) 52 (ii) 51 (iii) 50 (iv) 49

(Q8) To find the mid value of a class (say  $x-y$ ), the formula is

Please see on Pg-3

Cont-Pg-3

Cont - Q No. 8 Ans.

Pg-3

$$(i) \frac{x+y}{2} \quad (ii) \frac{x-y}{2} \quad (iii) \frac{x^2-y^2}{2} \quad (iv) \frac{xy}{2}$$

(Q9) The class marks of a distribution are

26, 31, 36, 41, 46, 51, 56, 61, 66  
Its class size is

- (i) 6    (ii) 5    (iii) 2.5    (iv) 3

(Q10) True class limits of Q No. 9 of 41 is

- (i) 38.5 - 43.5    (ii) 39 - 43  
(iii) 40 - 42    (iv) 38 - 44

## ANSWERS

(Q1) (i)	(Q5) (iii)	(Q9) (ii)	
(Q2) (ii)	(Q6) (i)	(Q10) (i)	
(Q3) (iii)	(Q7) (iv)		
(Q4) (ii)	(Q8) (i)		