**Assignment Class Eco**

**Time Allowed: 45 mins. Maximum Marks:18**

**Q No 1 to 3 are 1 Mark Questions, 4 to 8 are 3 Markers.**

**Q-1 Sum of deviations of different values from arithmetic mean is always equal to :**

**a)zero b) One c) Less than one d) more than one**

**Q-2 “Arithmetic mean of a series is 15 and if 5 is added to all the items of this series, the new arithmetic mean will be:**

 **a) 5 b) 20 c) 18 d) 10**

 **Q-3 Arithmetic mean of these items: 10, 15 , X, 20, 30 is 20. Find out the missing item.**

**a) 10 b)15 c)5 d) 25**

 **Q-4 The average marks of 39 students of a class is 50, The marks obtained by 40th student are 39 more than the average marks of all the 40 students. Find the mean marks of all the 40 students.**

**Q-5 The mean monthly salary paid to 77 employees in a company was rs. 78. The mean salary of 32 of them was rs. 45 and of the other 25 was 82. What was the mean salary of the remaining.**

**Q-6 In an examination in Hindi, the students of a class secured following marks. Calculate mean marks by Direct Method.**

 **Marks Number of students**

**More than 0 50**

**More than 10 46**

**More than 20 40**

**More than 30 20**

**More than 40 10**

**More than 50 3**

**Q7 Ten players of the Australian team made an average of 63 runs and ten players of the Indian team made an average of 77 runs. Calculate the average run made by both the teams.**

**Q-8 The A.M of 40 items was calculated by 265. But while calculating it, one item 115 was misread as 150. Find out Correct mean.**