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| ***ANSWER ALL THE QUESTION*** | CO | | | KL |
| 1. Normalize the data **marks: 8,10,15,20** by min-max normalization. | CO2 | | | KL2 |
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| 2. What are the steps should be followed for Knowledge Ddiscovery from Data | CO1 | | KL1 | |
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| 3. The mean of 200 observations was 50. Later on it was discovered that two observations were wrongly read as 92 and 8 instead of 192 and 88. find out the correct mean | CO1 | | | KL2 |
|  | | | | |
| 4 **.** What is metadata? Explain with example. | CO1 | | KL1 | |
|  | | | | |
| 5. How do you smooth the noisy data? | CO1 | | | KL1 |
|  | | | | |
| 6. Find the mean, median, and mode for the following data 4,5,7,4,3,6,2,4,5,6,5,6,4,2,4,3,4 | CO1 | | | KL2 |
|  | | | | |
| 7. Write at least four applications of data mining. | CO1 | | | KL1 |
|  | | | | |
| 1. Find the outliers from following data 26,37,24,28,35,22,31,53 | CO2 | | | KL2 |
|  | | | | |
| 9. Why chi-square test is to be computed? | | CO1 | | KL1 |
|  | | | | |
| 10.How do you measure the proximity for numeric attribute? | CO1 | | | KL1 |
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*Signature of the Student Signature of Concern Faculty*