

|  | (b) Mean $<$ Median <br> (c) Mean>Median <br> (d) Mean is zero <br> (vi) What is the mean deviation about mean of the data 2,9,9,3,6,9,4? <br> (a) 2.23 <br> (b) 2.57 <br> (c) 3.23 <br> (d) 3.57 <br> (vii) Which of the following is an ideal measure of dispersion, <br> (a) Range <br> (b) Standard deviation <br> (c) Quartile deviation <br> (d) Mean deviation <br> (viii) The range of probability for an event E is <br> (a) $P(E) \geq 1$ <br> (b) $P($ E $) \leq 0$ <br> (c) $0 \leq \mathrm{P}($ E $) \leq 1$ <br> (d) $-1 \leq \mathrm{P}($ E $) \leq 1$ <br> (ix) A process by which we estimate the value of dependent variable on the basis of one or more independent variable is called <br> (a) Measure of central tendency <br> (b) Measure of dispersion <br> (c) Regression <br> (d) Correlation <br> (x) Which of the following method is not a method of collection primary data? <br> (a) Questionnaires <br> (b) Interviews <br> (c) Data collected for published sources <br> (d) All are primary data methods |  |  |
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| SECTION B4Qx5M=20 Marks |  |  |  |
|  | Answer the following question. |  |  |
| Q. 11 | What do you mean by data? Discuss any two method of primary data collection. | 5 | CO2 |
| Q. 12 | Discuss any five requisites of an ideal measure of central tendency. | 5 | CO2 |
| Q. 13 |  | 5 |  |



|  | measured (to the nearest cm) for each of the 20 days. <br> The records are as follows: <br> $301,312,319,354,359,345,348,341,347,344,349,350,325,323,324$, |  |  |
| :--- | :--- | :---: | :---: |
| $328,322,332,334,337$. <br> (a) Prepare grouped frequency distribution table with class 300-310, 311-320, <br> $321-330, \ldots \ldots .$. along with cumulative frequency more than and less than <br> type. <br> (b) Prepare an ogive curve. | $\mathbf{5}$ |  |  |

