



ST. LAWRENCE HIGH SCHOOL
A JESUIT CHRISTIAN MINORITY INSTITUTION



SOLUTION OF WORKSHEET-4

SUBJECT – STATISTICS

Term : 1st

Topic – PRESENTATION OF DATA

Class: XI

Full Marks: 15

Date:18.06.2020

Q1. Select the correct alternative of the following questions.

- (i) Horizontal bar diagram is used for data which are
(a) Time series **(b) cross sectional** (c) both (d) none of these
- (ii) Histogram is used for data which are
(a) Time series (b) cross sectional **(c) both** (d) none of these
- (iii) Ogive is used in case of
(a) Time series (b) cross sectional **(c) both** (d) none of these
- (iv) In case of Histogram along Y axis we assign
(a) frequency **(b) frequency density** (c) relative frequency (d) none of these
- (v) In case of Histogram along X axis we assign class
(a) **boundaries** (b) limits (c) marks (d) none of these
- (vi) In case of Histogram the area of a bar signifies the
(a) frequencies (b) limits (c) marks (d) none of these
- (vii) In a cumulative frequency column always the class has less value than the next class, then it is of type
(a) less than (b) more than (c) both (d) none of these
- (viii) In a ogive along Y axis we assign
(a) frequency density **(b) cumulative frequency**
(c) Relative frequency (d) none of these

- (ix) An ogive looks like an elongated
 (a) S (b) X (c) J (d) none of these
- (x) The distribution from which we can find the minimum marks of 10 best students is the ogive of type
 (a) Less than (b) **more than** (c) both (d) none of these
- (xi) The class mark can be used in
 (a) Histogram (b) **frequency polygon** (c) ogive (d) none of these
- (xii) The distribution from which we can find the maximum wage of 10 lowest paid workers in a factory is the ogive of type
 (a) **Less than** (b) more than (c) both (d) none of these
- (xiii) 3, 2, 3, 3, 4, 4, 2, 5, 3, 2, 2, 2, 3, 2, 3, 2 . In the given set frequency of 6 is
 (a) 5 (b) 6 (c) 7 (d) **none of these**
- (xiv) From histogram we can find the
 (a) mean (b) **mode** (c) median (d) none of these
- (xv) From ogives we can find the
 (a) mean (b) mode (c) **median** (d) none of these

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