



**ST. LAWRENCE HIGH SCHOOL**  
A JESUIT CHRISTIAN MINORITY INSTITUTION



**SOLUTION OF WORKSHEET- 24**

**SUBJECT - STATISTICS**

Term : 2nd

**Topic - Sampling**  
**Full Marks: 15**

**Class: XII**  
**Date:07.11.2020**

Q1. Select the correct alternative of the following questions.

- (i) The first stage in sample survey is  
(a) analysis      **(b) planning**      (c) execution      (d) none of these
- (ii) Defining the purpose in sample survey is a part of  
**(a) planning**      (b) execution      (c) analysis      (d) none of these
- (iii) Defining the population in sample survey is a part of  
**(a) planning**      (b) execution      (c) analysis      (d) none of these
- (iv) Selection of method of collection is a part of  
**(a) planning**      (b) execution      (c) analysis      (d) none of these
- (v) Determination of sampling frame is a part of  
**(a) planning**      (b) execution      (c) analysis      (d) none of these
- (vi) Designing the survey is a part of  
**(a) planning**      (b) execution      (c) analysis      (d) none of these
- (vii) Training of personnel is a part of  
**(a) planning**      (b) execution      (c) analysis      (d) none of these
- (viii) Scrutiny of data is a part of  
(a) planning      (b) execution      **(c) analysis**      (d) none of these

- |        |  |                     |                   |
|--------|--|---------------------|-------------------|
| (ix)   | Tabulation of data is a part of<br>(a) planning    (b) execution     | <b>(c) analysis</b> | (d) none of these |
| (x)    | Representation is a part of<br>(a) planning    (b) execution         | <b>(c) analysis</b> | (d) none of these |
| (xi)   | Parameter is a measure based on<br>(a) sample <b>(b) population</b>  | (c) both            | (d) none of these |
| (xii)  | Statistic is a measure based on<br><b>(a) sample</b> (b) population  | (c) both            | (d) none of these |
| (xiii) | Sampling distribution occurs of a<br>(a) parameter <b>(b) sample</b> | (c) both            | (d) none of these |
| (xiv)  | Sampling fluctuation occurs of a<br>(a) parameter <b>(b) sample</b>  | (c) both            | (d) none of these |
| (xv)   | Standard error occurs of a<br>(a) parameter <b>(b) sample</b>        | (c) both            | (d) none of these |

Prepared by  
Sanjay Bhattacharya