

- (b) 'Research methodology' refers to
- (i) qualitative methods of study
 - (ii) the sampling techniques
 - (iii) the chain of association between research questions and the research design
 - (iv) the tools that are used by the researchers
- (c) Which of the following variables cannot be expressed in quantitative terms?
- (i) Socioeconomic status
 - (ii) Marital status
 - (iii) Numerical aptitude
 - (iv) Professional attitude
- (d) 'Sample' is a subset of
- (i) population
 - (ii) data
 - (iii) set
 - (iv) distribution

- (e) A researcher divides the population of product users into three groups based on degree of use. If the researcher then draws a random sample from each user group independently, she/he created a
- (i) random sample
 - (ii) stratified sample
 - (iii) judgement sample
 - (iv) accidental sample
- (f) The selection of cricket team from a college for inter-college competition is called
- (i) random sampling
 - (ii) systematic sampling
 - (iii) purposive sampling
 - (iv) cluster sampling
- (g) What is the 'mode' of the following data?
15, 35, 25, 15, 25, 37, 35, 18, 20, 15
- (i) 15
 - (ii) 24
 - (iii) 31
 - (iv) 25