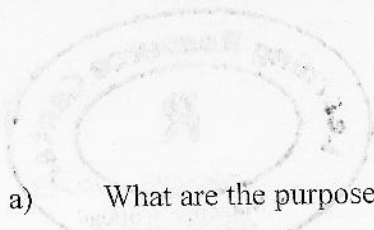




De Mazenod College – Kandana  
Business Statistics  
Grade 12  
First Term Test – May 2023



- Answer all questions
01. a) What is meant by Business Statistics ? (5 Marks)
- b) What are the statistical techniques used in business field? (5 Marks)
- c) What are the limitations in statistics ? (5 Marks)
- d) Mention a situation where statistics can be misused? (5 Marks)
- e) What are steps that should be followed in a sample survey ? (5 Marks)
02. a) Explain the difference in between primary data and secondary data  
Mention, advantages and disadvantages of using primary data (6 Marks)
- b) Explain, personal interview method. Mention, its merits and demerits (6 Marks)
- c) What are the factors to be considered when preparing a table ? (4 Marks)
- d) State what are the information that should be collected when conducting a survey about housing condition in a rural area.  
State, 6 questions that should be included in a questionnaire used for this survey? (9 Marks)
03. a) What are the limitations occur in presenting data by using paragraphs? (5 Marks)
- b) What is meant by a table?  
What are the factors that should be consider when preparing a table? (5 Marks)
- c) Tabulate the following data  
Composition of employees of a certain company is consist with 3000 employees in production department 600 employees in marketing department 300 employees in purchasing department and 100 employees in administration department out of all these employees 800 are permanent female employees and 2800 are permanent male employees.  
Ration in between temporary female employees are temporary male employees is 1:3 and 500 permanent female workers and 140 temporary male workers work in production department. 200 permanent female employees and 260 permanent male employees work in marketing department. Number of permanent female employees in purchasing department is 70 and temporary male employees in that department is 30. Number of permanent male employees work in administration department is 45 and 60 temporary female employees work in production department and 30 temporary female employees work in marketing department and number of temporary female employees work in purchasing department and administration department are same. (10 Marks)
- d) What are the limitations of presenting data using tables (5 Marks)



04. a) What are the purposes of presenting data by charts and diagrams (5 Marks)  
b) What is meant by a pie chart?

What are the steps of drawing a pie chart? (5 Marks)

- b) Composition of A/L section in a certain school is given below

| Section         | : Commerce | Maths | Bio- Science | Arts | Technology |
|-----------------|------------|-------|--------------|------|------------|
| No. of Students | : 160      | 120   | 60           | 40   | 20         |

Present above data by simple bar chart and pie chart (10 Marks)

- c) State, two situation where data can be presented by a pie chart

What are the limitation of presenting data by pie chart. (5 Marks)