

BINDURA UNIVERSITY OF SCIENCE EDUCATION

RESEARCH METHODS SFM 211

TIME: 3 hours

- - DEC 2019

INSTRUCTIONS

- i. Answer **ANY THREE** Questions
- ii. Each question carries 25 Marks
- iii. Present each question answer on a New page.

Q1. a) Describe four data collection methods. [20]

b) Justify the use of one of the methods for financial management studies. [5]

Q2. a) Write five purposes for sampling in research. [5]

b) Describe probability sampling methods. [20]

Q3. Describe the characteristics of a Case Study. Use examples to enhance your ideas. [25]

Q4. The speed of cars at a certain section of a curved road are recorded in the Table below:

Speed (km/h)	10-20	21-25	26-40	41-60
Number of Cars	11	20	15	10

a) Name the instrument used to capture this data. [2]

b) Present the data on a frequency-density graph. [7]

c) Calculate and interpret the:
(i) Mean [5]

(ii) Standard Deviation. [8]

d) Describe the findings. [3]

Q5.

- a) Write five purposes of presenting data on graphs. [5]
- b) Contrast a bar graph and a histogram. [10]
- c) The table shows a student's pocket money at the end of each month from August to December 2018

Month	August	September	October	November	December
300	200	170	100	80	90

Present the data on a line graph. [10]

END of EXAMINATION PAPER