



ZIMBABWE EZEKIEL GUTI UNIVERSITY

FACULTY OF HERITAGE, HUMANITIES AND SOCIETAL ADVANCEMENT

DEPARTMENT OF DEVELOPMENT, PROGRAMMING AND MANAGEMENT

EXAMINATION PAPER

Diploma in Project planning, Monitoring and Evaluation

Part 1 Semester 2

COURSE CODE : DPME122
COURSE TITLE : Computer packages for data analysis in
M&E
DURATION : 2 Hours 30 Minutes
DATE : 23 SEP 2025

INSTRUCTIONS TO CANDIDATES:

9. Answer Question 1 in Section A and any 2 questions in Section B.
10. Each question carries 25 Marks.
11. Start each question on a new page of your answer sheet.
12. Use relevant examples or case studies in answering your questions.

Section A (Compulsory) – 25 Marks

1) Define the following terms as used in SPSS:

- a) Variable View (2 marks)
- b) Data View (2 marks)
- c) Syntax Window (2 marks)
- d) Value Labels (2 marks)
- e) You are given the following dataset for 10 students showing their test scores in Mathematics:

Student	Score
1	45
2	60
3	52
4	75
5	80
6	65
7	40
8	70
9	55
10	90

- i. Enter the above data into SPSS (5 marks)
- ii. Generate the following descriptive statistics: Mean, Median, Standard Deviation, and Range. (6 marks)
- iii. Interpret the output in not more than 5 sentences. (4 marks)

Section B – Answer ANY TWO Questions (25 marks each)

- 2) Discuss the layout of the SPSS interface, clearly explaining the purpose of:
- a) Data View
 - b) Variable View
 - c) Output Viewer
 - d) Chart Builder
 - e) Syntax Window

- f) Provide examples of how each component is used. (25 marks)
- 3) Explain the steps of coding categorical variables (e.g., gender, marital status) in SPSS. Provide a dataset of at least 5 cases and demonstrate how you would capture, label, and analyze the data. (25 marks)
- 4) Discuss FIVE advantages and FIVE limitations of using SPSS in statistical data analysis. Use relevant examples. (25 marks)

The end

PM
STI