

BINDURA UNIVERSITY OF SCIENCE EDUCATION

FACULTY OF SCIENCE EDUCATION

DEPARTMENT: CURRICULUM AND EDUCATIONAL MANAGEMENT STUDIES

PROGRAMME: DIPLOMA IN SCIENCE EDUCATION IN MATHEMATICS AND GEOGRAPHY

COURSE CODE: DG006 GEOMORPHOLOGY

DURATION: 3 HOURS

TOTAL MARKS: 75 MARKS

INSTRUCTIONS TO CANDIDATES

1. Answer any three questions.
 2. Use illustrations and diagrams where relevant
 3. Marks for each question are indicated in brackets ()
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1. Assess the influence of climate on the nature and rate of weathering (25)
2. Explain theories of tropical inselberg formation showing their variations in scale and form (25)
3. a. Describe the main characteristics of granite and limestone (10)
b. How do these characteristics influence the rate and type of weathering of each rock in 3a above? (15)
4. a. Describe and explain the occurrence of main earthquake and volcanic regions. (10)
b. Produce an account of the major effects of earthquakes and volcanoes (15)
5. Describe and explain propositions of peneplanation and pediplanation theories of slope development. (25)

END OF PAPER