



UNIVERSITY EXAMINATIONS
FIRST YEAR EXAMINATION FOR THE AWARD OF THE DEGREE OF
MASTER OF ARTS IN GEOGRAPHY
SECOND SEMESTER 2023/2024
[JANUARY – APRIL, 2024]

GEOG 817: ADVANCED CLIMATOLOGY AND METEOROLOGY

STREAM: Y1 S2

TIME: 3 HOURS

DAY: WEDNESDAY, 2:00 - 5:00 P.M.

DATE: 24/04/2024

INSTRUCTIONS

- 1. Do not write anything on this question paper.***
- 2. Answer any THREE Questions.***

QUESTION ONE

Explain how geomorphological knowledge can be applied in mineral exploration.
(20 Marks)

QUESTION TWO

Human activities have a drastic influence on geomorphic processes. Discuss
(20 Marks)

QUESTION THREE

Geomorphological knowledge can be of aid in mitigation of natural hazards.
Justify this statement. (20 Marks)

QUESTION FOUR

Explain the application of remote sensing in geomorphology. (20 Marks)

QUESTION FIVE

Earth movements are the main forces that lead to landform development. Justify
this statement. (20 Marks)