

NAME.....ADM NO.....

DATE.....CLASS.....

# MIDTERM 1 EXAM

## GEOGRAPHY

### FORM 3

### PAPER 2

**TIME: 2½ HRS**

### INSTRUCTIONS

1. This paper consists of two sections A and B
2. Answer ALL questions in both sections.
3. All diagrams must be drawn in pencil.
4. All answers must be written in English
5. Ensure ALL questions are printed from questions 1 to 7.

Section A ( answer all questions in this section )

1. (a). Define the term environment (2mks)

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(b). Name **TWO** branches of geography (2mks)

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2. (a). What is a map? (2mks)

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(b). A part from contours, name **THREE** other methods of relief representation on topographical maps (3mks)

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(c)Identify **TWO** methods of locating place on a map (2mks)

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3. (a). Explain the origin of the earth according to passing star theory (6mks)

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(b). Mention **THREE** weaknesses of the theory in (a) above (3mks)

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(c). State **THREE** effects of the revolution of the earth (3mks)

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4. (a). Define the term mineral (1mk)

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(b). Name **FOUR** ways in which minerals occur (4mks)

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(c). State **THREE** significance of rocks in Kenya (3mks)

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5. (a). Give the difference between faulting and folding (2mks)

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(b). Highlight **THREE** types of faults (3mks)

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(c). Mention **TWO** significance of folding to human activities (2mks)

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6. (a). What is weather? (1mk)

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(b)State **FOUR** factors influencing weather (4mks)

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(c). Mention **TWO** weather instruments kept in Steveson Screen (2mks)

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7. (a). Give the meaning of natural vegetation (2mks)

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(b). Give any **THREE** characteristics of equatorial vegetation (3mks)

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**Section B ( answer all questions )**

8. The table below shows the area under different species of trees in forest cover in Kenya. Study the table and answer the questions that follow.

	In '000 hectares			
Year	2013	2014	2015	2016
Tree species				
Mahogany	100	85	60	40
Pine	120	100	120	140
Meru oak	140	120	100	80
Camphor	80	60	40	20
total	420	365	320	280

- a) Using a scale of 1cm to represent 20,000 hectares, draw a comparative line graph to represent the data shown. (7mks)
- b) State **THREE** disadvantages of using line graphs in representing data (3mks)

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9. (a). Distinguish between forest and forestry (2mks)

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(b). Explain how the following factors influence the distribution of natural forests in Kenya (6mks)

i. Temperature

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ii. Aspect

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iii. Human activities

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10. (a). Name **THREE** types of field work (3mks)

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(b). Highlight **FOUR** problems a researcher may encounter when carrying out field work (4mks)

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(c). Give **THREE** advantages of using interviews to collect data (3mks)

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11. (a)Name **TWO** earthquake zones of the world (2mks)

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(b). Identify **THREE** causes of earthquakes (3mks)

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12. (a). apart from deep shaft mining, name **THREE** other underground mining methods (3mks)

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(b). State **TWO** factors influencing the exploitation of minerals (2mks)

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13. (a). Differentiate between extrusive vulcanicity and intrusive vulcanicity (4mks)

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(b). State **TWO** significance of vulcanicity to human activity (2mks)

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14. (a). Outline **THREE** characteristic of modified equatorial climate of the coast (3mks)

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(b). Name **THREE** physical features that can be interpreted on photographs (3mks)

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