**FORM 3 TERM 1 OPENER(ENTRY)**

**GEOGRAPHY**

**FORM THREE**

**TIME 2 HOURS**

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**INSTRUCTIONS**

a) Write your name, class and admission number in the spaces provided.

b) Answer **ALL** the questions.

c) All answers must be written in the spaces provided in this booklet.

**SECTION A**

1. a) Define the following terms:

 i) Geography (2 mks)

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 ii) Orbit (2 mks)

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2. a) Differentiate between longitudes and latitudes. (2 mks)

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b) Name two forces responsible for the formation of rift valleys. (2 mks)

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3. a) State three characteristics of a Stevenson Screen. (3 mks) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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b) Name two types of precipitation. (2 mks)

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4. a) When the local time at Kabale (30oE) is noon, what is the local time at Wajir (40oE)? (3 mks)

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b) List down three methods of representing relief on topographic maps. (3 mks)

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5. a) Give three examples of igneous rocks. (3 mks)

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b) State three characteristics of sedimentary rocks. (3 mks)

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**SECTION B**

6. The table below shows petroleum production in thousand barrels per day for countries in Middle East in April 2006. Use it to answer the questions that follow

|  |  |
| --- | --- |
| **Country** | **Production in ‘000’ barrels** |
| Iran | 3800 |
| Kuwait | 2550 |
| Qatar  | 800 |
| Saudi Arabia | 9600 |
| United Arab Emirates | 2500 |
| Iraq  | 1900 |

a) i) What is the difference in production between highest and lowest producer? (2 mks)

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 ii) What is the total amount of petroleum produced in April 2006 in the Region? (2 mks)

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 iii) Calculate the average petroleum production for the region in month of April

 (2 mks)

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b) Draw a divided rectangle 14cm long to represent the above data. (8 mks)

c) i) State four factors that influence the exploitation of minerals. (4 mks) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 ii) State four benefits of petroleum to the economies of Middle East countries. (4 mks)

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 iii) State three uses of soda ash. (3 mks)

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7. a) i) What is folding? (2 mks) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 ii) State three factors that influence folding. (3 mks)

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b) i) Name three fold mountains outside Africa. (3 mks)

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 ii) Name four types of folds. (4 mks) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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c) Explain **four** economic importance of fold mountains. (8 mks) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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8. a) i) What is derived vegetation? (2 mks) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 ii) State four characteristics of tropical rain forest. (4 mks)

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b) i) Explain three adaptation characteristics of desert vegetation. (6 mks)

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 ii) Give three reasons why there is no vegetation on top of Mt. Kenya. (3 mks)

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9. a) i) Name two intrusive volcanic features. (2 mks)

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 ii) Other than the crater, name any other three extrusive volcanic features. (3mks)

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b) Your class intends to carry out a field study in Menengai crater.

i) State three preparation you would make for the study. (3 mks)

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ii) Give **three** methods that you would use to record the data. (3 mks)

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iii) Explain **two** economic significance of the crater you are likely to identify. (4 mks)

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