**NAME: ADM NO:**

**DATE: SIGN:**

**312/1**

**GEOGRAPHY P1**

**FORM IV**

**END OF TERM II EXAM (2021)**

**TIME: 2 ¾ HRS**

**Instructions**

1. This paper has section A and B. Answer all the questions in section A.
2. In section B, answer questions 6 and any other two questions.
3. Answer should be written in the answer booklet provided.
4. Provided your answers in English
5. Follow the instructions as provided.

**SECTION A**

***Answer all questions in this section***

1)a) What is an inland delta? (2mks)

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b) Name any three sources of rivers (3mks)

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2)a) Identify two sources of water found in a lake (2mks)

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b) State three causes of Salinity in lake Magadi (3mks)

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3)a) Name the two solstices (2mks)

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b) Describe the solar system (3mks)

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4)a) List any two natural vegetation zones found on a mountain slope in Africa (2mks)

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b) Give three economic uses of vegetation (3mks)

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5)a) Apart from the Sahara, name two major deserts found in Africa (2mks)

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b) Give three reasons why wind is the dominant agent of erosion in the Sahara desert. (3mks)

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**SECTION B**

***Answer question 6, and any other two.***

1. Study the map of Taita hills 1:50,000 (sheet 189/4) provided and answer the following questions.

a)i) Give the six figure grid reference of the dispensary in the Ronge forest (2mks)

ii) Calculate the bearing of the all-weather road loose surface D 535 from grid reference 393260 to the end at grid reference 421310 (2mks)

b)i) Using a scale of 1cm to represent 20 meters draw a cross-section from the grid reference 400280 to 440280 (4mks)

ii) On the cross section, mark and name the following:

* All weather road, loose surface (1mk)
* River (1mk)
* Telephone line (1mk)

iii) Calculate the vertical exaggeration (V.E) of the cross-section (2mks)

c)i) Identify three forms of transport found in the area covered by the map (3mks)

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ii) Citing evidence from the map, explain three economic activities practiced in the area covered by the map (6mks)

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iii) Identify three types of settlements found in the area covered by the map (3mks)

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7)a)i) Name two lakes that are due to volcanic activities (2mks)

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iii) Give three characteristics of lakes formed due to faulting (3mks)

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b) Describe how the following lakes are formed

i) Oasis (4mks)

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ii) Lagoon (4mks)

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c)i) Explain three causes of salinity in lake Magadi (6mks)

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ii) Explain how a lake influences the climate of the surrounding areas. (6mks)

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8)a)i) Name two substances that are suspended in the atmosphere (2mks)

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ii) State three factors that influence the amount of solar radiation that reaches the earth surface (3mks)

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b)i) List any three elements of weather (3mks)

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ii) Describe how the rain gauge is used to measure rainfall (4mks)

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c)i) Explain three different ways that air that condenses to form rainfall is made to rise (6mks)

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ii) List three types of rainfall (3mks)

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iii) Explain any two main features of a Stevenson screen (4mks)

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9)a) i) Name three parts of fault (3mks)

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ii) Give three ways in which faults develop in the crust (3mks)

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b)i) Name two types of faults (2mks)

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ii) List four relief features that are associated with the Rift valley (4mks)

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c)i) Name four major faulted areas of the world (4mks)

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ii) Identify any three parts of the great East African Rift Valley (3mks)

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d) Explain three ways that faulting influences drained on the Earth surface (6mks)

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10)a) Name two types of ice masses found on mountains in East Africa (2mks)

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b)i) Identify two ways in which ice moves (2mks)

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ii) Name two mountains in East Africa which are ice capped (2mks)

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c) Explain three factors that lead to glacial deposition (6mks)

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d) You intend to carry out a field study on a glaciated landscape on Mt. Kenya.

i) Name three erosional features you are likely to observe during the field study (3mks)

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ii) Explain three reasons why you would require a working schedule (6mks)

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iii) Give four follow-up activities you would undertake after the field study. (4mks)

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