

Name: ..... Adm No: .....

School: ..... Candidate's Sign : .....

Date: .....

312

# GEOGRAPHY

TIME: 2 ¾ HOURS

## 2019 TERM 2 EXAM

# *Geography*

## FORM 1

# Geography

### INSTRUCTIONS TO CANDIDATES:

- This paper consist of two Sections A and B.
- Answer all questions in both sections.

1. a) i) What is Geography? (2 mks)
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- ii) Give the two Greek words from which the term Geography is derived. (2 mks)
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- b) i) Define the term environment. (2 mks)
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- ii) Identify two type of environment. (2 mks)
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2. a) State any three areas of study in practical geography. (3 mks)
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- b) Explain any four importance of studying geography. (8 mks)
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3. a) For each of the following statements, identify the subject which is applied.
- i) Identifying the types of rocks in the earth's crust. (1 mk)
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- ii) Studying atmospheric conditions of an area. (1 mk)
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- iii) Study of solar energy. (1 mk)
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iv) Calculation of areas, distance and densities in geography. (1 mk)

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b) i) What is orbit? (1 mk)

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ii) With the aid of a diagram show the order of the planets based on their distance from the sun. (8 mks)

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4. a) i) Give the specific shape of the earth. (1 mk)

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ii) Name three forces responsible for the shape of the earth. (3 mks)

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b) State four reasons why the earth is believed to be spherical in shape. (4mks)

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5. a) One of the theories used to explain the origin of the solar system is the passing star theory. Give three weaknesses of this theory. (3 mks)

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b) List down three effects of the earth's revolution. (3 mks)

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6. a) With the aid of a well labeled diagram, describe the occurrence of a solar eclipse. (6 mks)

b) Give two differences between solar eclipse and lunar eclipse. (4 mks)

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7. a) Give the specific dates of the year when overhead position of the midday sun is on the following latitudes. (1 mk)

i) Tropic of cancer (1 mk)

ii) Tropic of Capricorn (1 mk)

iii) Equator (1 mk)

b) If the local time in Sydney ( $60^{\circ}\text{W}$ ) is 7.30 a.m. What time is it at Wajir ( $40^{\circ}\text{E}$ )? (4 mks)

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8. a) Name three minerals that makes up the earth's crust. (3 mks)

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b) State three characteristics of the mantle. (3 mks)

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9. a) List down any four elements of weather. (4 mks)

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b) State four factors that determine the amount of solar radiation reaching the earth's surface. (4 mks)

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10. a) Give the purpose for each of the following items in a weather station. (1 mk)  
i) Stevenson screen

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ii) Hygrometer (1 mk)

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iii) Barometer (1mk)

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b) Name four main zones/layers of the atmosphere. (4 mks)

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11. a) With the aid of a well labeled diagram describe the formation of relief rainfall. (7 mks)

b) i) Name three high clouds. (3 mks)

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ii) Highlight four significance of weather forecasting. (4 mks)

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