

273/1  
GEOGRAPHY  
Paper 1  
2 1/2 hours

**DEPARTMENT OF GEOGRAPHY**  
**GEOGRAPHY**  
**Paper 1**  
**2 Hours 30 minutes**

**INSTRUCTIONS TO CANDIDATES**

- This paper consists of Parts I and II
- Part I and section A of Part II are compulsory
- Answer only one question from section B of Part II
- Answers to all questions must be written in the answer booklet provided
- Any additional question(s) answered will be not be marked.

Number Attempted	Marks Scored
<b>OBJECTIVES</b>	
<b>1</b>	
<b>2</b>	
<b>3</b>	

## PART 1

**There are 30 compulsory questions. Each question carries one mark.**

Answers to this part must be written in the answer booklet provided.

1. The rapid population growth in Kenya is mainly as a result of
  - A. Increased immigration
  - B. High birth rates
  - C. Good nutrition
  - D. Improved medical care.
2. Which one of the following features is found on the youthful stages of a river
  - A. Levee
  - B. Ox-bow lake
  - C. Delta
  - D. Gorge
3. The speed of wind at weather station is measured by
  - A. Wind vane
  - B. Sixth thermometer
  - C. Thermometer
  - D. Barometer
4. The tourist industry in East Africa is an example of
  - A. a visible import
  - B. an invisible export
  - C. a subsistence sector
  - D. an informal sector
5. Which of the following is a depositional feature?
  - A. Delta
  - B. Knick point
  - C. Pyramidal peak
  - D. Inselbergs
6. A feature formed when lava solidifies in a vent is called
  - A. Volcanic plug
  - B. Lava plain
  - C. Drumlin
  - D. Caldera

7. Most of the national parks in East Africa are found in areas with
  - A. High rainfall and sparse population
  - B. Low population and low rainfall
  - C. Dense population and high fertility
  - D. High rainfall and tsetse fly infestation
8. Which of the following features are found in limestone areas of East Africa
  - A. Sills
  - B. Stalagmites
  - C. Eskers
  - D. Levees
9. The amount of water vapour in the air expressed as percentage of vapour the air can hold when it is saturated is called
  - A. Maximum entropy
  - B. Atmospheric pressure
  - C. Relative humidity
  - D. Evapo-transpiration
10. Which of the following is a glacial landform
  - A. Tombolo
  - B. Cwm
  - C. Laccolith
  - D. Meander
11. The speed of wind at a weather station is measured by
  - A. Wind vane
  - B. Sixths thermometer
  - C. Anemometer
  - D. Barometer
12. Which of the following best shows vegetation zonation on Mt Kilimanjaro
  - A. Savannah grasslands, tropical evergreen forests, bamboo forests
  - B. Bamboo forests, savannah grasslands, heath and moorland
  - C. Savannah grassland, bamboo forests, tropical evergreen forests
  - D. Tropical evergreen forests, heath and moorland

13. The sequence of the soil types down a slope is called
- A. Catena
  - B. Profile
  - C. Screens
  - D. Aeration
14. River Nile has not been effectively used for transport mainly because of the presence of
- A. Floating islands
  - B. Dangerous crocodiles
  - C. Rock sediments
  - D. Rapids and water falls
15. The most dominant crop grown on the Ahero Pilot scheme is
- A. Maize
  - B. Rice
  - C. Cotton
  - D. Pyrethrum
16. Green houses are mainly used for commercial growing of flowers in East Africa because they
- A. Stabilize flower production
  - B. Are pest and disease free
  - C. Have controlled atmospheric conditions
  - D. Easy flower harvesting
17. Which of the following products are exported in largest quantities from East Africa?
- A. Manufactured goods
  - B. Mineral ores
  - C. Agriculture products
  - D. Synthetic fibers
18. Which of the following is a major tourist attraction in East Africa?
- A. Culture sites
  - B. Mountain scenery
  - C. Flora and fauna
  - D. Climate

19. Which of the following processes leads to the formation of the Lateritic soils?
- A. Erosion
  - B. Sedimentation
  - C. Leaching
  - D. Deposition
20. Large areas of central Tanzania are mainly used for the growing of annual crops due to
- A. Fertile soils
  - B. A long dry season
  - C. Presence of pests and diseases
  - D. Absence of markets
21. Which of the following explains why population density of Northern Kenya is lower than that around lake Victoria?
- A. Low rainfall and infertile soils
  - B. Hot climate and diseases
  - C. Low rainfall and thin vegetation
  - D. Hostile tribes and hot climate.
22. Which of the following features are found in the upper stage of the rivers?
- A. Water-falls and interlocking spurs
  - B. Pot holes and levees
  - C. Levees and truncated spurs
  - D. Waterfalls and slip-off slopes
23. Which of the following tribes in East Africa are nomadic pastoralists?
- A. Turkana
  - B. Iteso
  - C. Surkana
  - D. Gogo
24. Which of the following are secondary industries
- A. Sugar refining and fishing
  - B. Textiles and quarrying
  - C. Fishing and quarrying
  - D. Textiles and sugar refining

25. Which of the following are chemical weathering processes?
- A. Exfoliation and frost shattering
  - B. Solution and hydration
  - C. Block disintegration and exfoliation
  - D. Frost shattering and oxidation
26. Lakes Bunyonyi and Mutanda are examples of
- A. Lava dammed lakes
  - B. Erosional lakes
  - C. Glacial lakes
  - D. Crustal warped lakes
27. The most flexible means of transport in East Africa is
- A. Road transport
  - B. Water transport
  - C. Air transport
  - D. Railway transport
28. Convictional rainfall is received in
- A. Kapchorwa
  - B. Entebbe
  - C. Kabale
  - D. Kasese
29. Protection of wetlands in East Africa is mainly intended to protect
- A. Eco-tourism
  - B. The crafts industry
  - C. Environmental conservation
  - D. Fishing
30. Inselbergs in East Africa are formed
- 1. Voi
  - 2. Morogoro
  - 3. Kigoma
  - 4. Nakasongola
- A. 1,2 and 3
  - B. 2,3 and 4
  - C. 1,2 and 4
  - D. 1,3, and 4

## PART II

### MAP WORK, PHOTOGRAPH INTERPRETATION, FIELD WORK AND EAST AFRICA

Answer **FOUR** questions from **Part II**, including questions **1, 2** and **3** which are compulsory.

#### SECTION A

##### 1. COMPULSORY QUESTION; MAPWORK (20 MARKS)

Answer **all** parts of this question

Study the **1:50,000 (UGANDA) ALOI** Map Extract, Series Y732; part of sheet 33/1, Edition 1-U.S.D and answer the answer the questions that follow:

- a) i. State the grid reference of the primary trigonometrical station at Aloi.  
(01 mark)
- ii. Identify the man-made feature at grid reference 14257501 mark)
- b) . Calculate the area covered by BAR county. (03 marks)
- c) Draw a sketch map of the area shown on the extract and on it mark and name:
  - i) Loose surface roads
  - ii) Any two rivers
  - iii) County boundary
  - iv) Railway crossing ( 08 marks)
- d) Describe the:
  - i) Relief of the area, (03 marks)
  - ii) Economic activities taking place in the area shown on the extract.(04 marks)

## 2. PHOTOGRAPH INTERPRETATION (COMPULSORY) (15 MARKS)

*Answer **all** parts of this question.*

Study the photograph provided below and answers the questions that follow;



- a) State the economic activity taking place in the area shown on the photograph (01 mark)
- b) Describe the factors that have favored the above economic activity (06 marks)
- c) Explain the
  - i. benefits of the above economic activity to the people living in the area (03 marks)
  - ii. effects of the above economic activity on the environment (03 marks)
- d) Giving reasons for your answer, suggest **one** area in East Africa where the photograph could have been taken. (02 marks)

## 3. COMPULSORY FIELD WORK QUESTION (15 MARKS)

*Answer all parts of this question.*

- a) Define the term **field work** as used in geography (02 marks)
- b) State any two
  - i) physical (02 marks)
  - ii) human (02 marks)

Phenomena studied while carrying out field work.

- c) Outline the stages of carrying out a fieldwork excursion. (03 marks)
- d) Describe the activities you carried out during your preparation for the field work study. (06 marks)

**SECTION B: EAST AFRICA (20 MARKS)**

*Answer only **one** question from this question*

- 4. a). Draw a sketch map of East Africa and on it mark and name two areas
    - i) under nomadic pastoralism
    - ii) under cattle ranching
    - iii) with a high population
    - iv) with a low population (08 marks)
  - b) Explain the importance of the livestock industry to the people of East Africa (04 marks)
  - c). Outline the problems faced by the livestock industry in East Africa (04 marks)
  - d). Suggest solutions to the above problems facing the livestock industry in East Africa. (04 marks)
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- 5. a) Draw a sketch map of East Africa and on it mark and label
    - i) The equator
    - ii) Ports: dar-es-salaam, Tanga and Mombasa
    - iii) Any **one** area in each of the East African countries where Either Tea or Cotton is grown. (07 marks)
  - b) Describe the factors which have favored the growing of the crop chosen in **(a) (iii)** above (05 marks)
  - c. Explain the benefits of **either** tea **or** cotton to the people of East Africa (05 marks)
  - d) Outline the problems faced by the farmers who grow the crop in **(c)** above. (03 marks)

**END**

***HAPPY HOLIDAYS***