P250/1

1. Study the 1:50000 EAST AFRICA (UGANDA), KAMPALA map extract, sheet 71/1, Edition 3-U.S.D and answer the questions that follow.

    (a) Determine the;
       i) the bearing of Buzigo Secondary trigonometrical station grid reference 570285 from Mutungo trigonometrical station (other) grid reference 602351.
       ii) trend of the boundary between grid reference 503450 and grid refence 566450.
       iii) the direction of flow of river Nyanje rade.

    (b) i) Measure the distance by air of the bound surface road from Kibuye round about (GR 524328) to Entebbe (GR 508276)
       ii) Calculate the Detour index of the bound surface road from Kibuye round about (GR 524328) to Entebbe (GR 508276).

    (c) i) Draw a relief section along Easting 57 between Northings 28 and 35 and on it mark and name;
       – Two hills
       – Broad valley
       – Plantation
       – Nakivubo channel
       – Two transport routes

       ii) Calculate;
       - Amplitude
       - Horizontal equivalent
       - Vertical exaggeration of the relief section.

    (d) Considering the area West of Eastings 60; Identify the settlement patterns.

    (e) i) Explain the relationship/influence between settlement and communication.
       ii) With evidence from a map extract, what makes Kampala a desired destination?

       * Reduce the area between Eastings 54 and 67 and Northings 28 and 40 by 50%. Draw a sketch map of the area and on it mark and name;
       – Relief features
       – Vegetation types
       – Railway line
       – District boundary

2. Study the photograph provided and answer the questions that follow;

(a) Draw a landscape sketch of the area shown on the photograph and on it mark and name;
   i) Any two forms of wave movement
   ii) Major drainage feature
   iii) Raised cliff, New cliff, Bays and Headlands.
   iv) Raised wave cut platform
   v) One vegetation type

(b) Account for the formation of;
   i) Raised cliff
   ii) Headlands and Bays

(c) i) Of what value is the drainage feature to the people living in the area?
   ii) What challenges are likely to be faced by the people living in the area shown on the photograph?

(d) Giving reasons for your answer, suggest an area in East Africa where this photograph could have been taken.

3. Examine the influence of earth movements in the formation of relief landforms in East Africa.

4. (a) Distinguish between sedimentary and Metamorphic rocks.
   (b) Account for the formation of Sedimentary rocks in East Africa.

5. To what extent has nature of rocks influenced chemical weathering in East Africa?

6. (a) Distinguish between valley widening and valley deepening.
   (b) Explain the formation of the features that characterise the torrent stage of the river in East Africa.

7. Examine the influence of glacial erosional processes in the formation of glacial landforms in the mountains of East Africa.

8. To what extent have human activities been responsible for savanna climate in East Africa?

9. To what extent have air masses been responsible for humidity variation in East Africa?

10. (a) Examine the influence of climate on distribution of natural forest vegetation in East Africa.
    (b) Explain the values of Natural forests in the economy of **One** East Africa country.

11. (a) Describe the characteristics of Savanna vegetation in East Africa
    (b) Explain measures that are being taken to conserve savanna vegetation in East Africa.

12. (a) Distinguish between Zonal and Azonal soils
    (b) Account for the formation of zonal soils in East Africa.

13. Examine the processes of formation of Soil types in humid areas of East Africa.

14. To what extent are physical factors responsible for extensive soil erosion in highland areas of East Africa?

P250/2

1. Study table 1 below, showing urban population for selected countries of Africa in 2019.

COUNTRY	URBAN CENTRE	POPULATION (000s)
Morocco	Casablanca	4,370
Zambia	Lusaka	1,747
Dem. Rep of Congo	Kinshasa	11,580
Kenya	Nairobi	4,556
Angola	Luanda	2,572
EGYPT	Cairo	20,485
Sudan	Khartoum	5,678
Central A. Rep	Bangui	622
Nigeria	Lagos	13,904
Niger	Niamey	1,252
Ethiopia	Addis Ababa	3,384

(a) With the help of the Graduated range of symbols as a statistical method, represent the information in the table on the base map provided.

(b) State the demerits of using the method in (b) above.

(c) Name the Country with the:
   i) least urban population.
   ii) highest urban population.

(d) Account for the development of Urbanization in the Country named in c(ii) above.

* Study the table below showing Rainfall and Temperature for station Z and answer the questions that follow.

Months	J	F	M	A	M	J	J	A	S	O	N	D
Temp °C	-18	-15	-7	4	12	17	20	18	12	6	-5	-15
R/fall mm	19	15	23	36	60	84	72	75	51	30	21	19

(a) Draw a rainfall bar graph combined with a temperature curve to show the information in the table.

(b) State the merits of the method.
(c) i) Describe the climate shown in the table and by the method given in (a) above.
   ii) Name the type of Climate described in c(ii) above.

(d) i) Identify one country with such a type of climate as named in (1)(ii) above.
   ii) Examine the influence of climate on human activities in the climatic region named in (c)(ii) above.

3.   To what extent has technology contributed to the development of Horticulture in either Netherlands or Kenya?

4.   (a)   Define the term population density.
      (b)   Explain the factors contributing the varying population densities in either Nigeria or China.

5.   (a)   Describe the process of oil mining.
      (b)   Examine the basis of oil mining in either Libya or United States of America.

6.   To what extent has Industrial inertia contributed to the development of manufacturing industries in either Republic of South Africa or Germany?

7.   Assess the contribution of tourism to the development of either Republic of South Africa or State of California (USA).

8.   (a)   Define the term forestry.
      (b)   Describe the causes and shortcomings of deforestation in either Brazil or Democratic Republic of Congo.

9.   (a)   Distinguish between renewable natural resources and non-renewable natural resources.
      (b)   Outline the steps being taken to ensure sustainable utilization of the renewable and non-renewable resources in Africa.

10.   (a)   Define the term trading bloc.
      (b)   Explain the factors influencing development of trade among countries of Africa.

P250/3

1. For any fieldwork study carried out as a group or an individual;
   (a) (i) State the topic of study.
       (ii) Outline the objectives of the study.
   (b) Describe how you collected information from the field study.
   (c) Draw an annotated sketch map/land scape sketch map/line transect or transverse.
   (d) How did you organise your fieldwork study/What activities did you carry out before going for the field work study?
   (e) Outline the merits/advantages of using the various fieldwork techniques during your study.
   (f) Explain the challenges /problems/obstacles/limitations you encountered/ faced during data collection.
   (g) What conclusions did you draw from the study/To what extent was your fieldwork geographical /How did the fieldwork help you in understanding the geography of the area?
   (h) How did you conclude/processed your filed work/what activities did you carry out as a follow-up of your field work study?
   (i) What recommendations did you give to the people in the area of study?
   (j) What geographical skills did you get from the field study?

2. (a) Account for the formation of relief features resulting from faulting in Uganda.
   (b) Assess the values of relief features resulting from faulting in Uganda.

3. Examine the causes and effects of landslides in Uganda.

4. (a) Account for the rapid expansion of the agricultural sector in Uganda.
   (b) Assess the rapid expansion of the agricultural sector on the environment in Uganda.

5. (a) Account for the rapid destruction of wetlands in Uganda.
   (b) Outline measures being taken to restore wetlands in Uganda.

6. Assess the contribution of eco-tourism to the development of Uganda.

7. (a) Examine the factors that have favoured the development of afforestation in Uganda.
   (b) Explain the challenges faced in the promotion of afforestation in Uganda.

8. (a) Account for the rapid population increase in Uganda.
   (b) Explain the problems resulting from rapid population increase in Uganda.

9. (a) Describe the state of the industrial sector in Uganda.
   (b) To what extent has water led to the development of the industrial sector in Uganda?

10. Assess the contribution of the transport sector to the development of Uganda.

11. Study the table below showing total fish catch from selected water bodies in Uganda.

Fishing grounds	Fish catch (tones)	
	2005	2009
L. Victoria	43,500	34,600
L. Kyoga and L. Kwania	28,000	26,000
L. Albert	19,950	15,800
L. Edward	10000	8,540
L. George	5,000	4,200
L. Bisinia	1,954	1,000

   (a) Draw a comparative bar graph to portray the information in the table above.
   (b) Calculate the percentage change for;
       (i) L. Victoria   (ii) L. Albert   (iii) L. George
   (c) Account for the variations in the volume of total fish catch from the fishing grounds shown on the table above.

END

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