UNEB UACE GEOGRAPHY 2018

PAPER 1

Question 1 and 2 are compulsory

1. COMPULSORY MAPWORK QUESTION

Study the 1:50,000 EAST AFRICA (UGANDA) KATUNGURU Map extract part of Sheet 76/1, Series Y732, Edition 4 – USD and answer the questions that follow.

a) State the:

i) man-made feature found at grid reference 801812.

ii) bearing of Lake Kyamwiga (grid reference 820800 from Hipo pools grid reference 710890).

b) Draw a cross-section along Northing 76 from Easting 74 Easting 82 and on it mark and label:

i) any three land form features,

ii) any two drainage features,

iii) all weather road.

c) Describe the:

i) relief of the area shown on the map

ii) relationship between relief and drainage.

d) Explain the value of the craters to the national economy.

2. COMPULSORY PHOTOGRAPH INTERPRETATION QUESTION

Study the photograph provided below and answer the questions that follow

a) Draw a landscape sketch of the area shown in the photograph and on it, mark and label any:

i) two relief features

ii) three types of land use

b) Describe the relationship between relief and human activities in the area shown in the photograph.

c) What evidence is there to suggest that the land use activities in this area are planned?

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

SECTION B

Answer one question from this section

3. a) Differentiate between block disintegration and exfoliation.

b) Account for the occurrence of physical weathering in East Africa.

4. Explain the causes and effects of river rejuvenation in East Africa.

5. Account for the formation of glacial erosional landforms in East Africa.

SECTION C

Answer one question from this section

6. a) Describe the characteristics of tropical cyclones

b) Explain the weather conditions associated with tropical cyclones

7. Examine the influence of altitude on vegetation zonation in the highlands of East Africa.

8. a) Describe the characteristics of a fully developed soil profile

b) Explain the factors which influence soil profile development in East Africa.

END

PAPER 2 : WORLD PROBLEMS AND DEVELOPMENT

SECTION A
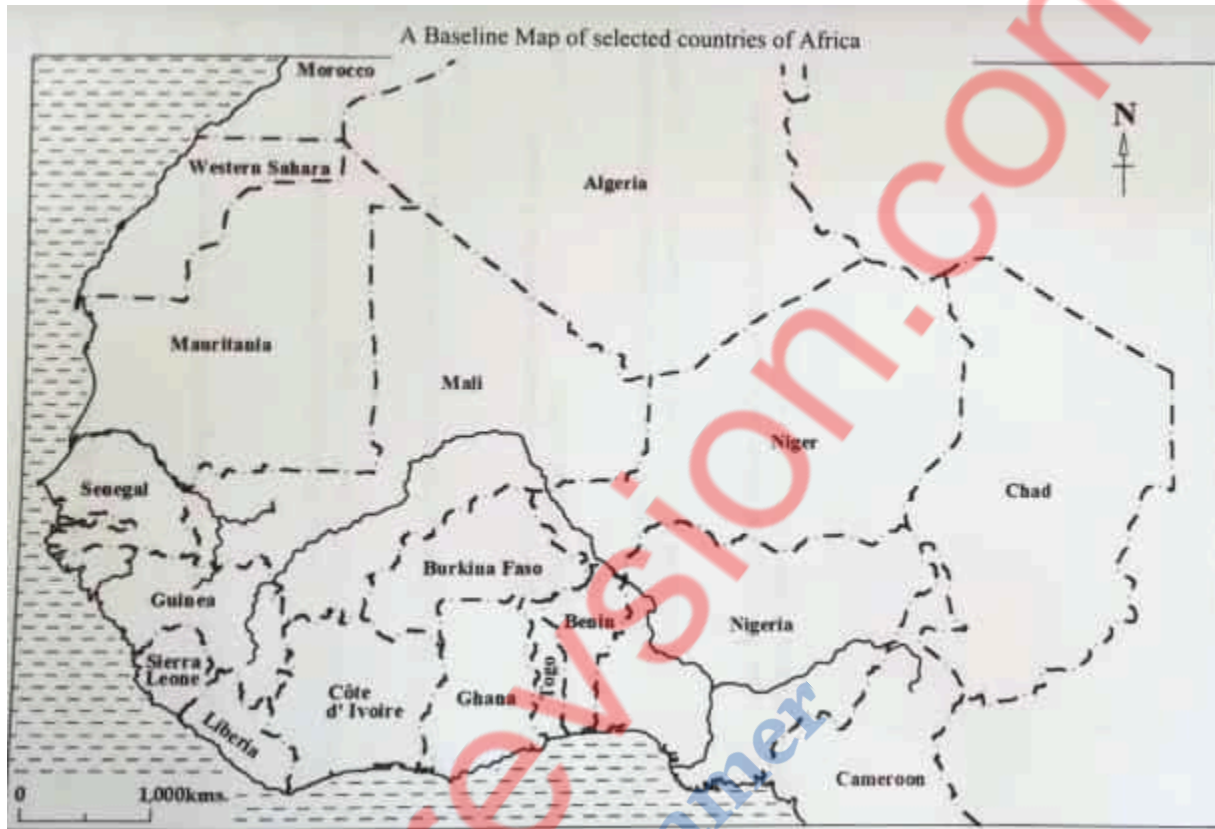
1. a) Study the table below showing the area under forests in selected countries in Africa (2010) and answer the questions that follow:

Country	Total Forested Area (km^2)	Total Land Area (km^2)
Algeria	14,920	2,381,741
Nigeria	90,410	923,768
Morocco	51,310	446,550
Mali	124,900	1,240,000
Cote d' Ivoire	104,030	322,463
Niger	12,040	1,267,000

Adapted: 2010 World Development Indicators, World Bank, Washington D.C. Pp. 1-9. Macmillian Uganda Secondary School Atlas Pp.114.

Using the baseline map provided:

a) draw super-imposed proportional squares to represent the information in the table above.

b) outline the advantages and disadvantages of using the statistical method in (a) above

c) describe the conditions which have favored the development of the forestry industry in either Algeria or Cote d' Ivoire.

A Baseline Map of selected countries of Africa

SECTION B

2. a) Differentiate between dairy farming and ranching.

b) Describe the measures being taken to improve ranching in either Botswana or Argentina.

3. Assess the contribution of the fishing industry to the development of either Peru or Norway.

4. Describe the factors limiting the exploitation of mineral resources in either Nigeria or the Democratic Republic of Congo.

5. To what extent has climate influenced population distribution in Africa?

6. Account for the development of conurbations in either the Republic of Germany or the Republic of South Africa.

7. Explain the factors which have influenced the distribution of railway transport network in either Zambia or the United States of America.

8. To what extent have physical factors influenced the development of the tourism industry in either Switzerland or Egypt?

END

PAPER 3 : UGANDA AND FIELD WORK

SECTION A: FIELDWORK

1. For any one fieldwork study you have carried out:

a) i) state the topic of the study,

ii) outline the objectives of the study.

b) Describe how any three of the following fieldwork techniques were used during the study:

i) observation

ii) map orientation

iii) sampling

iv) measurement

c) Outline the problems faced when using the techniques in (b) above

d) How did the study help you to understand the geography of the area?

2. For any one fieldwork study you have carried out either as an individual or a group;

a) State the:

i) topic

ii) objectives

of the study.

b) What activities did you carry out in preparation for the fieldwork study?

c) Draw a sketch map of the area studied and on it, mark and name:

i) relief features

ii) land use types

d) Describe the relationship between relief and land use in the area studied.

SECTION B: UGANDA

3. a) Differentiate between mean annual temperature and annual range of temperature

b) Account for the variations in mean annual temperature in Uganda.

4. Examine the causes and effects of rapid population growth in Uganda.

5. To what extent have physical factors been responsible for the persistence of nomadic pastoralism in North-Eastern Uganda?

6. Assess the contribution of the mining sector to the development to Uganda.

7. Account for the development of manufacturing industries in Uganda.

8. Study the table below showing tourists' arrivals in Uganda from other regions of the world (in 2012 and 2013) and answer the questions that follow.

Tourist Arrivals in 2012 and 2013

Region	Years	
	2012	2013
Africa	930,000	936,000
America	71,000	73,000
Europe	108,000	109,000
Asia	61,000	67,000
Middle East	8,000	10,000
Others	19,000	11,000

Adapted: Ministry of Tourism, Wildlife and Antiquities Sector Statistical Abstract, 2014. p23.

a) Draw a comparative bar graph to represent the information in the table above.

b) calculate the percentage change in tourists' arrival from:

i) Africa
ii) Europe
between 2012 and 2013
c) Explain the problems facing the Tourism sector in Uganda.

END