

TERM II EXAMINATIONS 2019
S.3 GEOGRAPHY (273/2)
TIME: 2 HOURS

INSTRUCTIONS

- Attempt **four** questions in all.
- **Choose two** questions from the **part I** and **two** questions from **part II**
- In **part II**, only **one** question **should** be chosen from any **one** region.

PART I: REST OF AFRICA

1. Study Table I below showing the climate of station A and answer the following questions that follow

Table I: climate statistics for station A (altitude 1000m, Lat. 30°S)

Months	J	F	M	A	M	J	J	A	S	O	N	D
Temperature (°C)	30	31	31	31	30	29	28	28	29	29	29	30
Rainfall (mm)	250	250	325	300	213	25	25	25	100	275	380	260

- a) Draw a suitable graph to represent the above climatic statistics (9mks)
- b) Describe the characteristics of the climate at station A (4mks)
- c) Explain the influence of climate on economic activities that are carried out at the station (6mks)
- d) Giving evidence for your answer
 - i) state the hemisphere where station A is located (2mks)
 - ii) outline the problems facing people living in the surrounding area (4mks)

2. study Table III below showing population size for selected African countries and answer the questions that follow

Table III: Population size for selected African countries

Country	Land Area ('000sKm ²)	Population size ('000s)
Algeria	2,382	30,800
Central African Republic	623	3,800
Egypt	995	65,200
Sudan	2,376	31,700
Morocco	446	23,200
Ethiopia	1,000	35,800

- a) Calculate the population density of each of the selected countries (6mks)
- b) Draw a line graph to show the population size of the selected countries in the table (8mks)
- c) Explain the causes of the variations in population size for the selected countries (6mks)

- d) Outline the problems resulting from a dense population (5mks)

PART II: STUDIES IN DEVELOPMENT

Answer two questions in this part

REGION I: NORTH AMERICA

3. (a) Draw a sketch map of British Columbia and on it, mark and name:
- (i) rivers: Fraser and Skeena,
 - (ii) rocky and coastal mountains,
 - (iii) forestry activity centres: Vancouver, Prince George and Prince Rupert.
- (b) (i) Name any two tree species found in British Columbia.
- (ii) Describe the factors which have favored the development of the forestry industry in British Columbia.
- (c) Explain the contribution of the forestry industry to the people of British Columbia.
- (d) Outline the problems faced by the forestry industry in British Columbia.

4. study the table below showing seasonal work on a selected plantation in the South (USA) and answer the questions that follow

Table III: Seasonal work on a selected plantation in the south

MONTH	RAINFALL (mm)	TEMP (°C)	WORK DONE ON THE PLANTATION
JAN	90.4	3.6	Repairing machines and updating record books
FEB	90.5	6.2	Planning next season's work and purchasing seeds
MAR	106.1	11.7	Preparation o cotton fields
APR	112.3	16.9	Planting cotton
MAY	109.1	19.0	Planting legumes especially soya beans
JUN	96.7	24.3	Harvesting wheat planted the previous year
JUL	101.0	26.0	Weeding and spraying
AUG	89.0	29.0	Weeding and spraying
SEPT	79.3	22.6	Harvesting cotton
OCT	69.9	17.0	Legumes are harvested
NOV	70.0	10.5	Application of fertilizers in the fields
DEC	88.2	5.0	Planting of winter wheat

- a) Calculate the;
 - i) Mean annual rainfall
 - ii) Annual temperature range, for the station (4mks)
- b) Identify the agricultural activities done on the plantation during;
 - i) Summer
 - ii) Winter (4mks)
- c) Describe the relationship between climate and work done on the plantation (5mks)
- d) Explain the;
 - i) Contribution of agricultural sector to the development of the The south (6mks)
 - ii) Problems facing the agricultural sector in the south (6mks)

REGION II: RHINELANDS

5. Study Table IV below showing crop production in tones (2005) and answer the questions that follow

Table IV: Crop production in Germany in 2005

Crop	Production in tonnes
Sugar beets	261,000,000
Wheat	283,000,000
Barley	125,000,000
Potatoes	125,000,000
Rape seed	5,100,000
Maize	4,800,000
Rye	3,600,000

- a) Draw a bar graph to represent the information in the table (9mks)
 - b) Calculate the percentage contribution of the
 - i) Most dominant crop
 - ii) Least dominant crop (2mks)
 - c) Explain the factors favouring arable farming in Germany (7mks)
 - d) Outline the benefits of arable farming to Germany (7mks)
6. a) Draw a sketch map of Belgium and on it, mark and name;
- i) Industrial centres: Antwerp and Brussels
 - ii) Mining centres: Charleroi and Mons
 - iii) Rivers: Sambre and Meuse
 - iv) The Albert canal (8mks)
- b) Describe the conditions avouring the growth of industries in Belgium (8mks)
 - c) explain the benefits of industrial growth to Belgium (5mks)
 - d) outline the problems facing the Belgian manufacturing sector (4mks)

END