

## EXERCISES OF GEOGRAPHY FOR SENIOR 3 STUDENTS

1. Draw a sketch map of Africa and on it mark and label: *(1mark)*
  - a) The fold mountains *(3marks)*
  - b) Lake Victoria *(1mark)*
  - c) The Great Rift Valley *(1mark)*
2. Suggest three negative impacts of relief on the environment *(3marks)*
3. Explain why we should conserve our soil *(3marks)*
4. Discuss the impact of climate on the various human activities in Africa and the rest of the world *(4marks)*
  5. a) Explain the extent to which climate has influenced the distribution of vegetation in Africa *(2marks)*
    - b) Discuss how vegetation has influenced human activities in Africa *(3marks)*
    - c) Show the negative effects of vegetation to human kind *(3marks)*
6. a) Explain how the following lakes were formed: *(5marks)*
  - i) Lake Victoria
  - ii) Lake Tanganyika
  - iii) Lake Bisoke
  - iv) Lake Ruhondo
  - v) Lake Mugesera
- b) Explain the problems caused by water bodies (lakes, rivers and swamps) *(4marks)*

7. Explain four methods of environmental conservation. **(4marks)**

8. Study carefully the population pyramids below and answer the questions that follow:

Figure A.

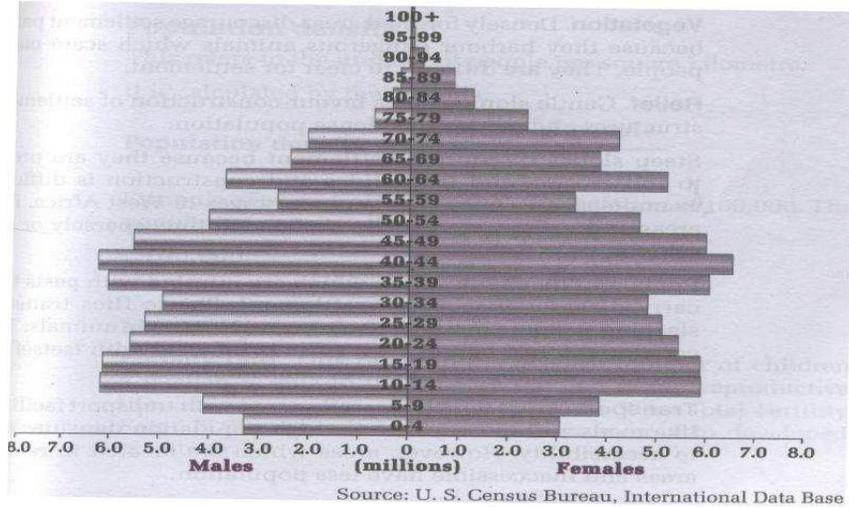
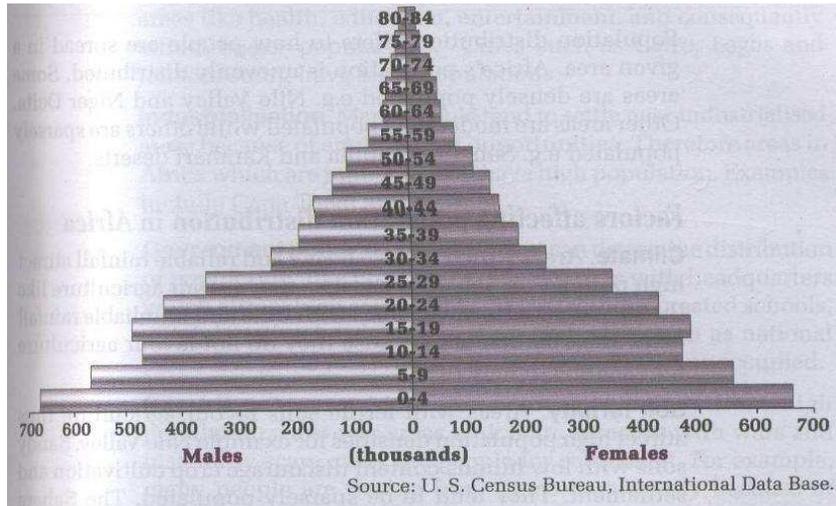


Figure B.



a) What is population pyramid? **(2 marks)**

b) State any two characteristics of each pyramid above **(4 marks)**

c) Suggest any one country that is represented by;

i. Figure A **(2 marks)**

ii. Figure B

d) Identify socio-economic problems faced by African population and suggest a solution for each problem. *(8marks)*

9. Assess the impact of urban settlement on development in Africa *(3marks)*

10. Analyse the importance of various agricultural activities on sustainable development in Africa *(3marks)*

11. Study the map extract of Rwinkwavu and answer the questions that follow:

a) Calculate the distance in kilometers between point X and point Y. *(2mark)*

b) Calculate the area in square kilometers of the area located between the Eastings 65 and 68 and the Northings 80 and 84. *(2marks)*

c) What is the type of scale used on the map? *(1mark)*

d) Identify the two types of settlement shown in the map *(2marks)*

e) Name two economic activities of the area covered by the map *(2marks)*

f) Find out the problems faced by the people living in the area *(2marks)*

g) (i) Using grid references locate the stadium found on the map. *(2marks)*

(ii) Using a compass direction, state the direction of Nyakagezi from Rwinkwavu *(2marks)*

(iii) State the bearing of the point Y from the point X *(2marks)*

h) Identify the man made feature on the map indicated by the grid references 669827. *(1mark)*

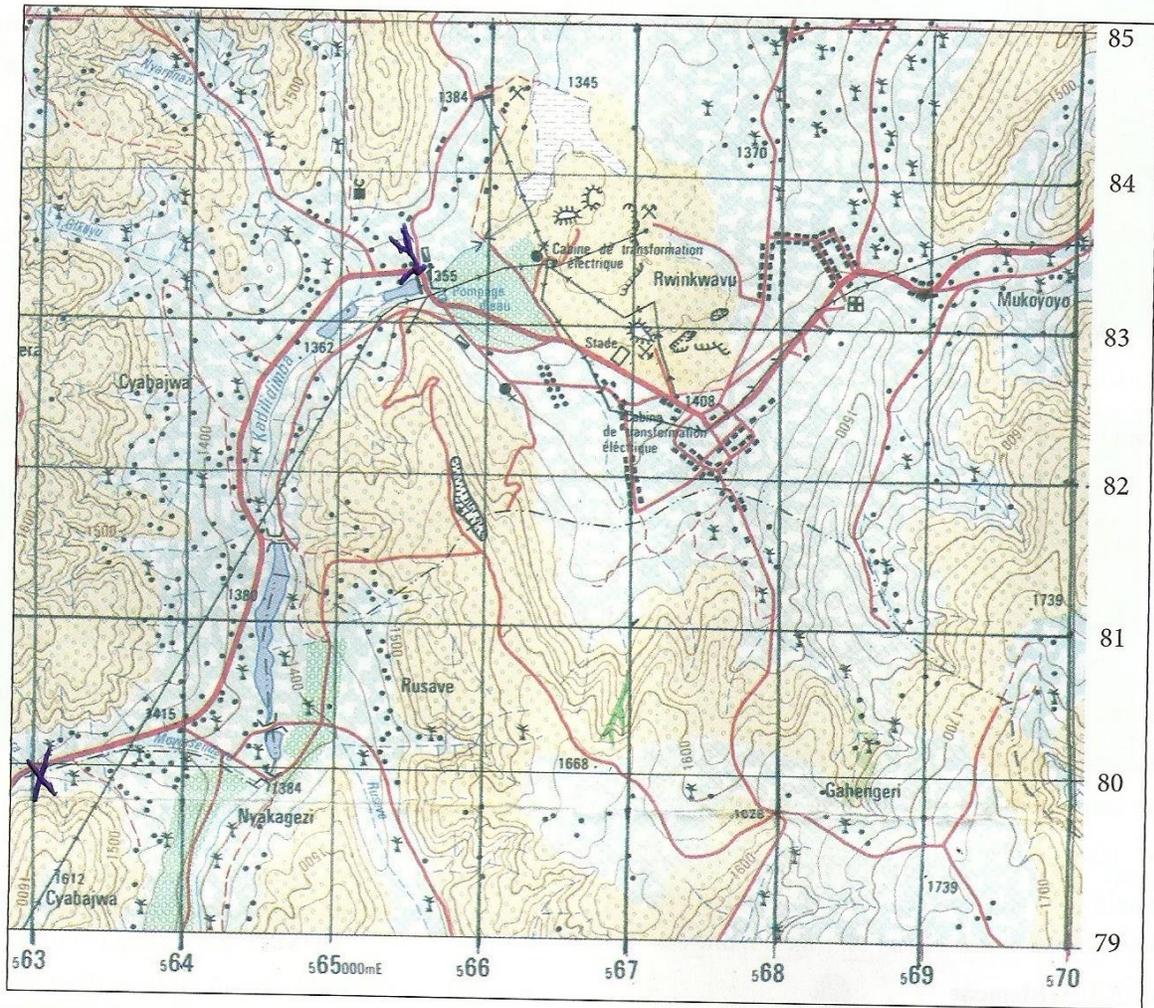
i) Draw a rectangle measuring 9cm by 6cm. On the rectangle drawn, sketch and label the features shown on the map *(7marks)*

(i) The main road

(ii) The settlement near the main road

(iii) The highest altitude in the East

Map 3.9: 1:50,000 Part of Rwinkwavu survey map



SCALE/ECHELLE 1 : 50,000



Main tarmac road <i>Route nationale asphaltée</i>	Dense/nucleated settlement, sparse, scattered <i>Habitat concentré, dispersé, remarquable</i>	Lake, swamp <i>Lac, marais</i>
Main murrum road <i>Route nationale non asphaltée</i>	Hospital, health centre, dispensary <i>Hopital, centre de santé, dispensaire</i>	Falls, dam <i>Chutes, barrage</i>
Feeder road <i>Route communal</i>	Sectorial bureau, school, dipping tank <i>Bureau de secteur, école, dipping tank</i>	Water channel/canal <i>Conduit d'eau</i>
Track <i>Piste carrossable</i>	Religious edifices: church, temple, mosque <i>Edifices religieux: église, temple, mosquée</i>	Borehole, water tank <i>Source d'eau aménagée, château d'eau</i>
Path <i>Sentier</i>	Border post, market <i>Poste de douane, marché</i>	Natural forest, plantation/artificial forest <i>Forêt naturelle, boisement</i>
Boulevard/road lined with trees <i>Route bordée d'arbres</i>	International airport, aerodrome/air strip <i>Aéroport international, aérodrome</i>	Savannah or pasture, humid savannah <i>Savane ou pasturage, savane humide</i>
Road under construction <i>Route en construction</i>	River <i>Rivière</i>	Upland crops, valley crops <i>Cultures des collines, cultures de fond de vallée</i>
Power/electric line <i>Ligne de transport d'énergie électrique</i>	Pond, marsh, a well <i>Etang, mare, puits</i>	Rangeland, cash crops <i>Prairie, cultures industrielles</i>
Bridge, footbridge <i>Pont, dur, pont en bois</i>	Valley <i>Talweg</i>	Papyrus <i>Papyrus</i>
Contours <i>Courbe de niveau</i>	Rock, cliff <i>Rocher, abrupt</i>	Bananas, sugar cane, coffee <i>Banancier, cane à sucre, café</i>
Contours, contour intervals, depression <i>Courbe de niveau, intercalaires, cuvette</i>	Trigonometrical pillar <i>Détail particulier</i>	Rice, tea, cotton <i>Riz, thé, coton</i>
Mine 1 operational 2 derelict <i>Mine 1 en activité 2 arrêtée</i>	Border pillar, radio booster station <i>Borne frontière, antenne relais de radio</i>	Quinine, pyrethrum, bamboo <i>Quinquina, pyrèthre, bambou</i>
Quarry, factory and/or industrial complex <i>Carrière, usine et/ou complexe industriel</i>	Spot height <i>Point coté</i>	Terraces <i>Talus</i>

GOOD WORK