



<p>REGION DE CENTRE</p> <p>CENTRE</p> <p>REGIONAL MOCK EXAMINATION IN PARTNERSHIP WITH CASPA</p>	<p>CENTRE REGION</p> <p>SUBJECT CODE NUMBER 750</p>	<p>PAPER NUMBER 1</p>
<p>CANDIDATE NAME:</p> <p>CANDIDATE NUMBER:</p> <p>CENTRE NUMBER:</p>	<p>SUBJECT TITLE GEOGRAPHY</p>	
<p>ADVANCED LEVEL</p>	<p>DATE: Tuesday, 21 March 2023</p>	

Time Allowed: One and a half

hours

GEOGRAPHY 1: MULTIPLE CHOICE QUESTION PAPER

INSTRUCTIONS TO CANDIDATES

Read the following instructions carefully before you start answering the questions in this paper.

Make sure you have a soft HB pencil and eraser for this examination.

1. Use a soft HB pencil throughout the examination
2. Do not open the booklet until you are told to do so.

Before the examination

3. Check that this questions paper is headed 'Advanced Level Geography 750'
4. Insert the information required in the space provided.
5. Without opening the booklet, pull out your answer sheet carefully from inside the front cover of this booklet. Take care that you do not erase or fold the answer sheet or make any mark on it other than those asked for in this instructions.
6. Insert the information required in the space provided on the answer sheet using your HB pencil.

Candidate Name, Centre Number and Name, Candidate Number, Subject Code Number and Paper Number.

7. Answer all the 50 questions in the examination. All question carry equal marks.
8. Non-programmable calculators are allowed.
9. Each question has FOUR suggested answers: A, B, C and D . Decide on which answer is correct. Find the number of the question on the sheet and draw a horizontal line across the letter to join the square brackets for the answer you have chosen. For example if B is your correct answer, mark as shown below:
[A] ☒ [B] [C] [D]
10. Mark only one answer for each question. If you mark more than one answer, you will score a zero for that question. If you change your mind about an answer, erase that mark carefully, then mark your new answer.
11. Avoid spending too much time on any one question. You can come to these questions later.
12. Do all rough work in this booklet, using where necessary, and the blank spaces in the question booklet.
13. Mobile phones are not allowed in the examination room.
14. You must not take this booklet out of the examination room. All question booklets and answer sheets will be collected at the end of the examination.

country sides at the same latitudes because of the following except one. Which is the exception?

- 1 Conditional instability will occur when;
- A. The ELR is greater than DALR
 - B. The ELR is lower than the DALR but greater than the SALR
 - C. The SARL is greater than the ELR
 - D. The DALR is greater than the SALR

2 Which of the following gas is the most destructive to the ozone layer?

- A. Methane gas
- B. Carbon dioxide
- C. Chlorofluorocarbon (CFC)
- D. Nitrogen gas

3 The transfer of energy from the surface to the atmosphere by conduction and convection is described as;

- A. latent heat flux
- B. sensible heat flux
- C. surface heat flux
- D. specific heat flux

4 The annual rainfall of town X is less than 250mm per year. Its average day time temperature is about 35°C but at night temperatures fall drastically to almost -3°C . This town is certainly located in:

- A. The Mediterranean climate
- B. The tropical desert climate
- C. The humid tropical continental climate
- D. The tropical monsoon climate

5 Most big cities in the world experience higher temperatures than their surrounding

- A. The concrete building material retain a great deal of heat
- B. Less heat loss via evaporation since sewage systems dispose off any water
- C. Tall building obstruct the fanning effects of the winds on temperature
- D. There is low cloud cover over the cities and sun rays pass directly to the surface

6 A certain town in Cameroon experiences the following conditions: an annual rainfall of about 600mm, with the rains falling for only 4 months between June and September with a relative humidity of 70%, long dry period of about 8 months during which relative humidity is 30%. Which is this town?

- A. Yaounde
- B. Banyo
- C. Kousseri
- D. Ngaoundere

7 Which of the following conditions will lead to the development of HORTONIAN OVERLAND FLOW?



- A. Intense rainfall over a short duration
- B. Less intense rainfall over a long duration
- C. Less intense rainfall over a short period
- D. Moderate rainfall over a saturated soil

8 The theoretical maximum amount of water loss in an area given no limit in water supply is described as;

- A. Potential evapotranspiration
- B. Maximum evapotranspiration
- C. Actual evapotranspiration
- D. Theoretical evapotranspiration

9 In a given drainage basin, the first order streams were 10, the second order streams were 4 and the third order stream was 1. What is the average Bifurcation Ratio for the whole drainage basin?

- A. 2.5
- B. 6.5
- C. 4
- D. 3.3

10 Which evidence of continental drift is represented by the diagram below?

- A. Geological evidence.
- B. Biological evidence.
- C. Jig saw puzzle.
- D. Continental evidence.

11. Which the following is the most accepted reason for plate movement?

- A. Subcrustal convectional current.
- B. Ridge push mechanism.
- C. Gravity sliding mechanism
- D. Slap pulled hypothesis.

12. Mount Cameroon is an example of which type of volcanic cone?

- A. Ash and cinder cone.
- B. Acid lava cone
- C. Basic lava cone
- D. Composite volcanic cone

13. Which of the following is the primary effect of earthquake?

- A. Collapsing of building.
- B. Tsunami.
- C. Fire
- D. Diseases

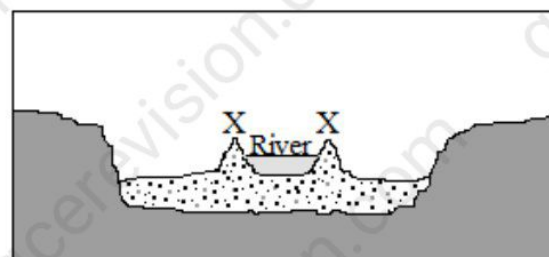
14. The weathering process in arid areas where rock surfaces peel like an onion is called:

- A. Congelifraction
- B. Dilatation
- C. Block disintegration
- D. Exfoliation

15. Which of the following pairs of mass movement process is rapid and associated with moisture content?

- A. Soil creep and rock fall
- B. Mud flow and landslide
- C. Talus creep and rock avalanche
- D. Solifluction and rockfall

16. Identify the feature represented by letter X in the diagram below.



- A. Flood plain
- B. Levees

C. Braided profile

D. Delta

17. Which of the following is a soft defense measure of coastal management strategy?

- A. Building of concrete sea walls
- B. Construction of revetment
- C. Replacement of beaches
- D. Rock armoring.

18 Which soil components will have an almost equal proportion in the soil as we move from the top to the bed rock?

- A. Organic matter
- B. Air
- C. Water
- D. Mineral matter

19. Mr. Mbah locate his farm at the foubot plains in Cameroon where he cultivates carrot, cabbages and other spices. Which of the following is the best possible reason for his location?

- A. The deep farralitic soil supports plant growth
- B. The shallow ferruginous soil is suitable for the growing of shallow rooted crops
- C. The alluvial soil in the area is well drain and easy to till
- D. The volcanic soil in the area contain a lot of plant nutrient

20 Identify the soil type with the following characteristics; Dark brown A horizon with a crumby structure, a PH value of between 7 and 7.5. a B horizon rich in lime and calcium carbonate.

- A. The podzol
- B. The ferrallitic soil
- C. Brown earth
- D. The chernozems

21 What is the relationship between energy and trophic level in an ecosystem?

- A. Direct proportional relationship
- B. Direct disproportional relationship
- C. Inverse proportional relationship
- D. Inverse disproportional relationship

22 A plant succession held at a particular level by human activities and prevented from reaching the climax level is called:

- A. Primary succession
- B. Sub climax vegetation
- C. Plagio climax vegetation
- D. Secondary plant succession

23 Which of the following biome is having a productivity of 900g/m²/year

- A. The tropical grassland biome
- B. Tropical rainfall biome
- C. Temperate coniferous forest biome
- D. Temperate grassland biome

24 Identify the type of biome with the following characteristics: many and diverse species of trees per unit area, the trees are layered and they have long branches and broad leaves with an unbroken canopy.

- A. The tropical monsoon forests
- B. Temperate deciduous forest
- C. Equatorial rainforest
- D. Temperate coniferous forest

25 Which of the following contribute the least to deforestation in the tropical rainforest?

- A. Exploitation of the forest for fuel wood
- B. Exploitation of the forest for agricultural land
- C. Exploitation of the forest for timber
- D. Cutting down of trees for road

construction

SECTION B: HUMAN GEOGRAPHY

26 A Mayor is in charge of the signing of birth certificate, married certificate, adoption and divorce. Which method of collecting data is he practicing?

- A. Vital registration
- B. Sample survey
- C. Legal registration
- D. Census

The regions below have varying population density and population cluster:

- i. East Asia
- ii. South west Australia
- iii. North eastern America
- iv. North west America
- v. Western Europe

27 Which of the following combination constitute only of densely populated regions?

- A. I, II, III
- B. I, III, V
- C. I, III, IV
- D. I and V only

28 country X has a total population of 1.5 million inhabitants, 750000 are of the working age and 350000 were gainfully employed. What is the activity rate of the country?

- A. 2.1%
- B. 47%
- C. 2%
- D. 21%

29 In which stage of the Demographic Transition Model is the largest growth in population experienced?

- A. High fluctuating stage

- B. Late expanding stage
- C. Early expanding stage
- D. Low fluctuating stage

30 Which one of the following has the greatest contribution to the growth of commuters in most parts of the world today?

- A. Improvement in technology
- B. Increase in income
- C. Improvement in transport
- D. Increase in car ownership

31 Which of the following conditions falls under preventive check as proposed by Malthus?

- A. Wars in most parts of the world today
- B. Delay of marriage age due education
- C. Earthquake in Asia that kills many people
- D. Famine in the horn of Africa resulting to dead

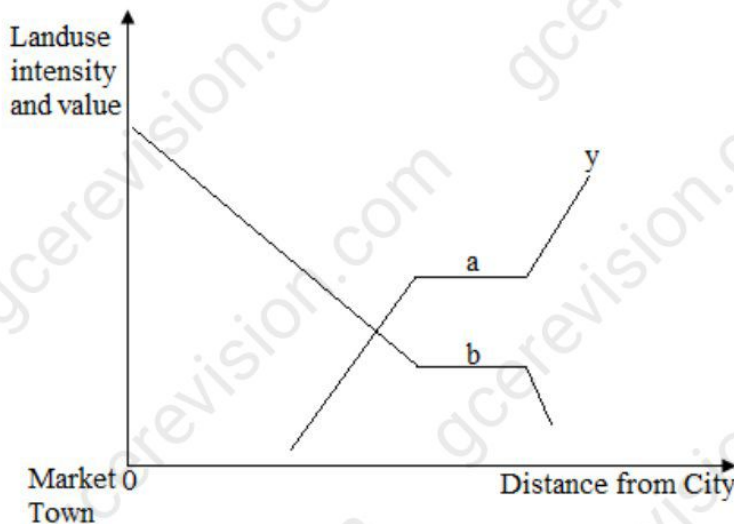
32 The coastal lowland of Cameroon is populated mainly because of:

- A. Its early contact with the colonialist
- B. Good transport that facilitate movement
- C. Favorable and conducive climate
- D. Trade opportunities that attract many people

33 Isolate the most important feature of intensive subsistence farming

- A. More labour for land preparation, planting and harvesting of crops
- B. More capital for clearing, planting and harvesting
- C. More capital and more labour
- D. More capital and less labour

Study the figure which shows economic rent and land use pattern and answer the question that follows;



34 The curve labeled Y portrays:

- A. Ricardo's land use pattern
- B. Hagastrian's innovation diffusion pattern
- C. Sinclair's land use pattern
- D. Von Thunen's land use pattern

Study the table and answer the question 35

Farm practices	Market price per unit	Production cost per unit	Transport cost per unit	profit
potatoes	100	30	10	a
wheat	65	b	3	45
milk	45	15	1	c

35 What is the value of a,b and c respectively?

- A. 60, 17, 29
- B. 40, 48, 16
- C. 30, 65, 70
- D. 23, 60, 29

36 The Material Index of an industry was calculated and the value was exactly 1, This industry was certainly:

- A. Market oriented
- B. Raw material oriented
- C. Power oriented
- D. Foot loose

37 An isodapane is:

- A. Lines which link all places with equal transport cost for moving either raw material or finished products
- B. Lines which link all places with equal total cost of transport of raw material and finished products
- C. It is a line which shows the transport cost of pure and localized raw material
- D. It is a line which show the transport cost of finished products

38 Which of the following transport network is the most preferred to a user?

- A. Paul revere network
- B. Travelling salesman
- C. Circuit network
- D. Branching network

39 THE Beta Index of a transport system is calculated and the value is 0.8. The area is said to be:

- A. Highly connected and more industrialized
- B. Poorly connected and more industrialized
- C. Highly connected and less industrialized
- D. Poorly connected and less industrialized

40 In recent years companies and institutions from Western Europe and other developed countries have been signing investment treaties with most governments of developing countries. According to Myrdal's Cumulative Causation Model this is an example of:

- A. Spread effect
- B. Backwash effect

- C. The trickled down effect
- D. The multiplier effects

41 A settlement form where dwellings are too close to be considered dispersed and too far apart to be considered nucleated is:

- A. Loose knit settlement
- B. Open space settlement
- C. Double village
- D. Linear settlement

42 Isolate the combination that would encourage dispersion of settlement pattern

- I. Insecurity
 - II. Hilly areas
 - III. Peace
 - IV. Abundant resources
- A. I and II
 - B. III and IV
 - C. II and IV
 - D. II and III

43 Use the formula $R_n = 2d \sqrt{n/A}$ where

A= Area

n =total number of settlements

d= mean distance between settlement to calculate the Nearest Neighbour Index(R_n) where the land area is 64 square kilometer and there 11 settlements separated by a distance of 2.5 km

- A. 0.75
- B. 1,27
- C. 2,05
- D. 0.90

44 A long history of colonialism, few commercial and industrial activities and a centralized administration with few urban centres will give

rise to which of the following pattern?

- A. Urban primacy
- B. Lognormal pattern
- C. Binary pattern
- D. Stepped pattern

45 Urbanization is defined as:

- A. A tendency where the number of cities is increasing in a country
- B. A tendency where towns and cities are growing in size
- C. A tendency where a greater proportion of the population leave in towns and cities
- D. A tendency where industries are being created in towns and cities

46 The maximum number of people required to keep a function in business is referred to as:

- A. Threshold population
- B. Range of the function
- C. Functional population
- D. Maximum population

47 Which of the following K-values of Christeller's model represent transport principle?

- A. K3
- B. K4
- C. K7
- D. K9

48 Identify the relief region in Cameroon whose existing vegetation has been influenced by human activities.

- A. Western highland
- B. South Cameroon low plateau
- C. Adamawa plateau
- D. Northern lowland

49 In WW Rostow's model of economic growth

the characteristic of rapid expanding manufacturing sector is found in;

- A. Stage III
- B. Stage IV
- C. Stage I
- D. Stage II

Nkolbisong.

B. Deepening and widening of the river channel.

C. Afforestation of the slopes.

D. Education and sensitization of the public not to dump waste in to water bodies.

50 As the quarter head of Nkolbison in Yaounde VII council constantly affected with flood, which of the following measures will you not take into consideration to mitigate flood?

- A. Deforestation of the slopes around

GO BACK AND CHECK YOUR WORK
