

CAMEROON GENERAL CERTIFICATE OF EDUCATION BOARD

General Certificate of Education Examination

0750 GEOGRAPHY 1

JUNE 2020

ADVANCED LEVEL

Centre Number	GCE REVISION
Centre Name	
Candidate Identification No.	http://www.gcerevision
Candidate Name	

Mobile phones are NOT allowed in the examination room.

MULTIPLE CHOICE QUESTION PAPER ONE

One and a half hours

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 an eraser for this examination.

1. USE A SOFT HB PENCIL THROUGHOUT THE EXAMINATION.
2. DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

Before the examination begins:

3. Check that this question booklet is headed "Advanced Level – 0750 Geography 1"
4. Fill in the information required in the spaces above.
5. Fill in the information required in the spaces provided on the answer sheet using your HB pencil:
Candidate Name, Exam Session, Subject Code and Candidate Identification Number.
Take care that you do not crease or fold the answer sheet or make any marks on it other than those asked for in these instructions.

How to answer the questions in this examination

6. Answer ALL the 50 questions in this Examination. All questions carry equal marks.
7. Each question has FOUR suggested answers: A, B, C and D. Decide which answer is appropriate. Find the number of the question on the Answer Sheet and draw a horizontal line across the letter to join the square brackets for the answer you have chosen.
For example, if C is your correct answer, mark C as shown below:
[A] [B] [C] [D]
8. 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 the first mark carefully, then mark your new answer.
9. Avoid spending too much time on any one question. If you find a question difficult, move on to the next question. You can come back to this question later.
10. Do all rough work in this booklet using the blank spaces in the question booklet.
11. **At the end of the examination, the invigilator shall collect the answer sheet first and then the question booklet. DO NOT ATTEMPT TO LEAVE THE EXAMINATION HALL WITH IT.**

Turn Over

SECTION A: PHYSICAL GEOGRAPHY

1. Why is the troposphere described as a weather-making layer?
- it is farther to the earth's surface
 - it has a high concentration of atmospheric constituents
 - it is a zone of stability
 - within it, temperature falls with increase in height

2. Which atmospheric condition is illustrated in figure 1 below?

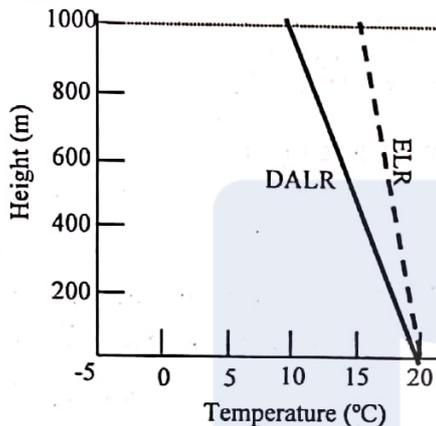


Figure 1: Relationship between ELR and DALR

- Neutral instability
 - Conditional Instability
 - Atmospheric stability
 - Atmospheric instability
3. Which one of the following is a method of heat transfer from the earth surface?
- Radiation
 - Absorption
 - Reflection
 - Scattering
4. Which of the following regions in Cameroon records a higher amount of total rainfall per annum?
- The Western Highlands
 - The Southern Low Plateau
 - The Adamawa Plateau
 - The Northern Lowlands
5. A type of climate that has characteristics of converging warm and unstable air masses as well as double maxima rainfall
- Equatorial climate
 - Tropical continental climate
 - Tropical hot desert climate
 - Tropical monsoon climate

6. The major force that powers the unending circulation of water in the hydrological cycle is?
- Evaporation and precipitation
 - Gravitational pull
 - Solar energy
 - Terrestrial radiation

7. What is the smallest store of water in the global hydrological cycle?:
- Underground water
 - The polar ice caps and ice sheets
 - Lakes and rivers
 - Soil moisture zone

8. Which of the following is a linkage in a basin's hydrological cycle?
- Surface detention
 - Ground water
 - Base flow
 - Soil moisture

9. Most of the rivers or tributaries being harnessed to produce hydroelectric power in Cameroon belong to one of the following drainage basins. Which is the basin?
- Niger-Benue basin
 - Chad basin
 - Atlantic basin
 - Congo basin

10. Which type of volcano is associated with the constructive plate margins?
- shield cone
 - Cumulo-dome
 - Ash and cinder cone
 - Composite cone

11. It is a zone of earthquakes at the edge of a subducting plate
- subduction zone
 - plate margin
 - Benioff zone
 - seismic zone

12. Which of the following is true about Earth quakes?
- Destruction is minimal at epicenter.
 - P-waves are high frequency waves.
 - S-waves are of low frequency.
 - The focus is the point of origin

13. It is a process of weathering which occurs when minerals in freshly exposed rocks absorb additional oxygen and expand causing stress within the rock.
- Oxidation
 - Hydrolysis
 - Solution
 - Hydration
-
14. A field walk on the Bamenda Highlands reveals some portions with tree trunks, fences and telephone poles tilting downslope; and accumulation of soil at the foot of slopes. Which of the following types of mass movement is taking place?
- Rotational slip
 - Mudflow
 - Solifluction
 - Soil creep
-
15. One of the following best explains why the lower course of a river is characterized by high deposition of sediments.
- A delta sometimes develops in the lower course
 - Rapids are rare in the lower course
 - The velocity of a river reduces in its lower course.
 - The valley of a river is widest in the lower course.
-
16. All of the following peaks are found along the Cameroon volcanic line (CVL) except one. Isolate the exception.
- Mount Kupe
 - Mount Guimbiri
 - Mount Oku
 - Mount Tchabal Mbabo
-
17. It is a textural class with a smooth but gritty feel that can be rolled into any shape without it disintegrating
- loam
 - clay
 - silt
 - sand
-
18. One soil type has the following characteristics
- a thick litter layer that decomposes very slowly
 - a bleached ash-grey A-horizon made up of sandy quartz and silica
 - low soil pH
 - a hardpan layer in the B-horizon made up of deposited sesquioxides of iron and aluminium.
- This soil type is most certainly
- A podzolized soil
 - A ferruginous soil
 - A ferralitic soil
 - A chernozem or black earth
-
19. Identify the pair of pedogenic processes which all operate in the warm wet tropical zone.
- Ferralitization and podzolization
 - Ferralitization and salinization
 - Calcification and salinization
 - Mineralization and ferralitization
-
20. The estuary of the Wouri River is a marshy area made up of swampy mud flats that experience flooding regularly. The soil type along this estuary is certainly;
- Halomorphic
 - Ferralitic
 - Hydromorphic
 - Lateritic
-
21. Which of the following aptly supports the view that the tropical grassland is a plagio climax vegetation?
- the continuous action of man in the area
 - it is a mixture of grasses and trees in varied proportions
 - it lies between latitudes 5° and 15° north and south of the equator
 - it changes in character with variations in climatic conditions
-
22. Autotrophs in an ecosystem refer to
- Animals which feed themselves
 - Plants and animals which manufacture their own food
 - Plant and animal groupings which are self perpetuating
 - Plants which manufacture their own food
-
23. Which of the following is a trophic 3 organisms in an ecosystem?
- Grasshopper
 - Caterpillar
 - lion
 - goat
-
24. Which of the following techniques is the best method of predicting floods?
- Recurrence interval
 - Hydrograph analysis
 - Real time monitoring
 - Using a hysimeter

25. Building levees and retaining walls, construction of dams, straightening meanders are some of the ways to control
- global warming
 - desertification
 - flooding
 - soil erosion

SECTION B: HUMAN GEOGRAPHY

26. A country's population is growing at 2% a year and the population of that country is 10 million inhabitants. Calculate the doubling time of that country's population given that $DT = 70/\text{growth rate}$.

- 25 years
- 35 years
- 45 years
- 55 years

27. A situation whereby rapid rate of population growth does not meet with corresponding improvement in technology so that the population is in danger describes

- The exponential growth model
- Population trap
- The Malthus theory of population growth
- Population doubling time

28. Which one of the following pairs is a region of low population density in the world?

- Central Brazil and Congo Basin
- The Nile Valley and South East Asia
- East Asia and North East USA
- North West Europe and South Asia

29. The total population of an area at any given time is the balance between two main determinants of change. Identify the most appropriate pair.

- Natural Increase and emigration
- Immigration and emigration
- Birth rate and death rate
- Natural change and net migration

30. If on a Lorenz curve, the first 60% of the land is occupied by 80% of the population, what will be the percentage of population that will occupy the remaining 40% of the land area?

- 15%
- 40%
- 20%
- 30%

31. Which of the following is an indicator of optimum-population?

- High standards of living
- Uneven distribution of population
- Numerous unexploited resources
- Shortage of labour force

32. According to Esther Boserup's concept of the relationship between population and resources, "necessity is the mother of invention". This means that:

- A drop in population will lead to a drop in production
- An increase in population will stimulate production
- An increase in population will lead to a drop in production
- A drop in population will increase production

33. Isolate from the list below, a characteristic of intensive commercial farming:

- High income per farmer
- High yield per man
- Low inputs per person or farmer
- Low yields per man

34. Which of the following is an aspect of the Green Revolution?

- Non-use of fertilizers and pesticides
- Irrigation and terracing
- Land fragmentation
- Little use of scientific research

35. Isolate the statement that is correct about the margin of cultivation.

- A point where one crop gives way to another
- A point where revenue and cost are equal
- A zone where profits are made
- A point where farmers incur losses.

36. Table 1 below gives information for the three industries A, B and C.

Industry	Weight of Raw material (Kg)	Weight of Finished good(Kg)	Material Index
A	30	25	-
B	45	20	2.25
C	33	33	-

Table 1: Relationship between weight of raw material and finished products.

The Material index for industries A and C respectively are:-

- 1.0 and 1.25
- 1.2 and 1.0
- 1.5 and 1.0
- 1.6 and 2.0

37. Cameroon's economy is mostly limited to :
- Service industries
 - Primary economic activities
 - Non basic industry
 - Secondary activities

38. The single most significant factor that has been responsible for foot-loose industries is
- Mobility of labour
 - Emergence of electricity
 - Government policy
 - Land and pleasant environment

39. Calculate the Beta Index (β) of the network illustrated in the figure 2 below where $\beta = c/v$

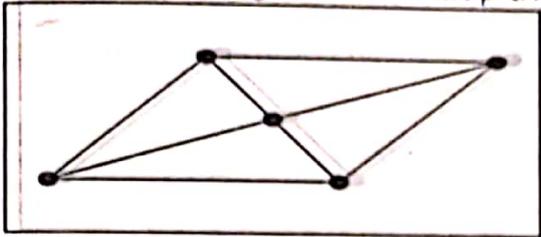


Figure 2: Hypothetical transport network

- 1.8
- 1.6
- 1.5
- 1.4

40. From figure 3 below, the Detour Index from M and N would be

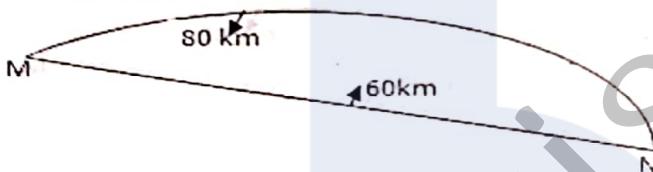


Figure 3: Road network between two regions

- 1.8
 - 1.5
 - 1.3
 - 0.75
41. The pioneer settlers in rural areas in the past often sited in areas associated with one of the following factors. Identify the factors:
- Where water was available
 - Where land was infertile for farming
 - Where flood was frequent
 - Where fuel wood was unavailable
42. On a broad and extremely flat fertile flood plain of River Variance, is found a single low knoll on which many peasant farmers have settled. What form will this settlement assume?
- A loose-knit village with isolated dwellings
 - A cruciform or star-shaped form
 - A clustered compact form
 - A linear stretched out form.

43. Which of the following theories depicts a situation where large cities are economic hubs with radiating connections for commerce?
- Central place theory
 - Bid rent theory
 - Zipf's theory
 - Rank size rule

44. Which of the following best fits the system of urban hierarchy exhibited in Cameroon?
- Stepped order pattern
 - Binary pattern
 - Primate pattern
 - Lognormal pattern

45. Study the Figure 4 below and identify the K-value

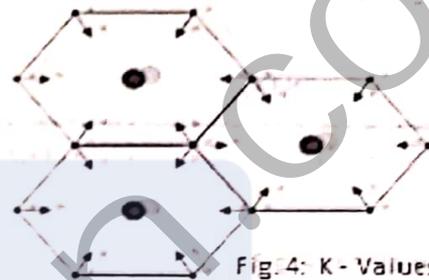


Fig. 4: K- Values

- $K = 3$
 - $K = 4$
 - $K = 7$
 - $K = 9$
46. A regular distribution pattern of settlement is known by a Nearest Neighbour Index of
- 1.0
 - 0.0
 - 2.15
 - 1.5
47. What is the normal relationship between settlement size and the number of functions it performs?
- Stepped relationship
 - Static relationship
 - Inverse or negative relationship
 - Direct or positive relationship
48. The minimum level of demand needed to sustain a service or good is known as
- Hierarchy of goods
 - Threshold of goods
 - Order of goods
 - Range of goods

49. A type of globalisation that occurs from the growth of Transnational Corporations (TNCs), with a global presence as well as growth in world trade is:
- A Political globalization
 - B Economic globalization
 - C Cultural globalization
 - D Environmental globalization
-
50. Which of the following is presently the **best** index in measuring the level of development between countries?
- A Gross national product
 - B Per capita income
 - C Human development index
 - D Poverty index
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STOP

GO BACK AND CHECK YOUR WORK