

CAMEROON GENERAL CERTIFICATE OF EDUCATION BOARD
General Certificate of Education Examination

0750 Geography 1

JUNE 2018

ADVANCED LEVEL

Centre Number	
Centre Name	
Candidate Identification Number	
Candidate Name	

Mobile phones are NOT allowed in the examination room

MULTIPLE CHOICE QUESTION PAPER

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.

USE A SOFT HB PENCIL THROUGHOUT THE EXAMINATION.

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

Before the examination begins:

Check that this question booklet is headed "Advanced Level – 0750 Geography 1"

Fill the information required in the spaces above.

Fill 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 on which answer is correct. 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. Which is the **best** combination of atmospheric components whose variation is responsible for different weather conditions?
 - A Nitrogen and oxygen
 - B Water vapour and aerosols
 - C Water vapour and argon
 - D Ozone and oxygen

2. The process of heat transfer by the spontaneous upward movement of heated air molecules is known as
 - A Conduction
 - B Convection
 - C Terrestrial radiation
 - D Ground surface radiation

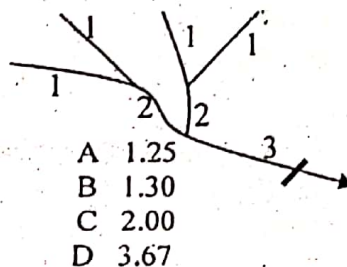
3. Which of the following rainfall types is a major contributor towards Debunsha's wetness?
 - A Convective rainfall
 - B Orographic rainfall
 - C Frontal rainfall
 - D Cyclonic rainfall

4. The Adamawa Plateau experiences which of the following climates?
 - A The Humid tropical climate
 - B The Dry tropical climate
 - C The semi-desert climate
 - D The Sahel climate

5. The annual rainfall of town X is less than 250mm per year. Its average day time temperature is 35° C but at night, temperatures fall drastically to -3° C. This town is certainly located in
 - A The Mediterranean region
 - B The Humid tropical Continental or Savanna climate
 - C The Tropical desert climate
 - D The Polar region

6. The largest store of fresh water on the earth's surface is located in
 - A The polar region
 - B The underground water
 - C All the rivers in all the continents
 - D The oceans and seas

7. What is the mean bifurcation ratio of the stream below?



8. 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?
 - A Niger-Benue basin
 - B Chad basin
 - C Atlantic basin
 - D Congo basin

9. The young fold mountains were formed during which era?
 - A The Cenozoic or tertiary
 - B The Mesozoic or secondary
 - C The Paleozoic or primary
 - D The Precambrian

10. All of the following are evidences of the drifting of continents **except one**. Isolate the exception.
 - A Fossils of some animal species found only in Africa and South America.
 - B Similar forest vegetation such as the Equatorial Forest found on two/three separate continents.
 - C Rocks of similar type, age, formation and structure found in North East USA (Appalachian and North West Europe) (Scandinavia)
 - D Evidence of glaciations (glacial deposits) found in tropical Africa precisely in the Congo basin

11. Which type of volcano or cone is associated with the constructive plate margins?
 - A shield volcano
 - B cumulo domes
 - C Ash and cinder cones
 - D Composite volcano

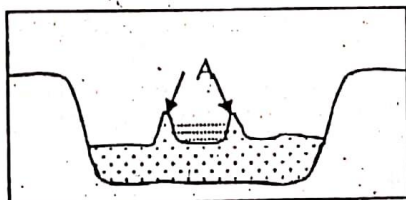
12. The Adamawa Plateau and the Western Highlands of Cameroon were created by which of the following groups of processes?

- A Folding and volcanism
- B Earthquakes and compressional faulting
- C Crustal uplift and volcanism
- D Compressional faulting and tensional faulting

13. The most rapid and intense type of chemical weathering processes occur in which of the following regions?

- A The warm and humid tropics
- B The hot deserts
- C The polar regions
- D The cool temperate continental interiors

14. Identify the feature 'A' on the diagram below which shows a river flood plain.



- A Point bars
- B Bluffs
- C Natural levees
- D river cliffs

15. The movement of sediments obliquely up the coast, then perpendicularly seawards is called

- A Tides
- B Back wash
- C Ocean currents
- D Longshore drift

16. The following are ways of protecting or defending a coast from threats. Three of them are hard defences and one is a soft defence. Identify the soft defence.

- A Building concrete sea walls
- B Making groynes of wood at right angles to the coast line.
- C Placing concrete blocks behind a beach to reduce wave energy.
- D Beach replenishment at the base of cliffs to replace lost sand and shingle.

17. Which of the following soil structures is likely to hinder the infiltration of water

- A Platy
- B Prismatic
- C Crumby
- D Blocky

18. A soil type that develops in areas of poor drainage is called

- A Ferrallitic soil
- B Brown earth
- C Podzol
- D Gley soil

19. "It has sharp boundaries between the horizons. On the surface is a layer of raw humus and below this is an ash-grey A2 sandy layer that is bleached of its sesquioxides and bases". Which is the soil type?

- A Ferruginous
- B Podzol
- C Chernozem
- D Ferrallitic

20. Which of the following is an abiotic component in the grassland ecosystem?

- A The rabbits that borrow into the soil.
- B The soil minerals in the ferruginous soil.
- C The termites that live in the soil.
- D The beetles that eat animal dung.

21. When the vegetation in a place is prevented from reaching its climax due to interruption caused by local factors such as soils and human interference, it is called

- A A sub climax
- B A secondary succession
- C A plagio-climax
- D A mono-climax

22. The amount of energy that is left in plants after losses through respiration describes

- A Primary productivity
- B Gross primary productivity
- C Net primary productivity
- D Secondary productivity

23. Which one of the following is not a hydro-climatic hazard?

- A desertification
- B flooding
- C tropical cyclones
- D deforestation

24. Isolate from the list below the effect of deforestation of the tropical rainforest which is not environmentally-related
- A loss of nutrients
 - B disruption of the carbon dioxide balance
 - C fall in revenue from timber in states within the rainforest tribe
 - D loss of biological diversity

25. Which of the following is the most significant trigger or cause of accelerated soil erosion?
- A Pressure of population growth
 - B High rainfall and winds
 - C Steep slope and loose soils
 - D Overgrazing and deforestation

**SECTION B:
HUMAN GEOGRAPHY**

26. Population density refers to:
- A Number of persons living in an area
 - B Concentration of people in a region
 - C Average number of persons per unit area
 - D Clustering of people in a region

27. Which of the following characteristics **best** suits the description of a normal population pyramid?
- A Asymmetrical with fewer adults in the middle
 - B Symmetrical with many numbers from apex to base
 - C Symmetrical with fewer numbers from base to apex
 - D Asymmetrical with many children at the base

28. A situation of Zero population growth can **best** be described as:
- A When BR and DR are equal and the average number of children per family is 2.3
 - B When BR are declining but DR are increasing with an average family size of 3
 - C When both BR and DR are declining with an average family size of 2
 - D When DR and BR are increasing and the number of children per family is 4.2

29. Given that world population stood at 6 billion in the year 2000 and that the average world growth rate is 1.9%. What would be the projected world population by 2025?
- A 7,850,000,000
 - B 8,850,000,000
 - C 8,525,000,000
 - D 6,114,000,000

30. The Large scale movement of young adults from Africa to Europe is due mainly to
- A Growing economic difficulties in most African countries
 - B development in transport, facilitating movement
 - C Search for better educational opportunities
 - D The open immigration policies of Europe and USA

31. Which one of the following situations is indicative of overpopulation in an area?
- A Imbalanced fertility rates and dependency ratio
 - B A high birth rate
 - C Transition with high fertility rates
 - D Imbalance between population numbers and carrying capacity

32. Which of the following cartographic techniques is used to represent population densities by shading
- A Isopleth
 - B Choropleth
 - C Proportional symbols
 - D Dot maps

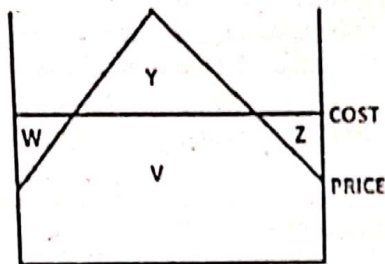
33. A system of farming in which labour is saved by the use of fire in clearing the land, while a long period of rest allows nature to replenish the fertility of the soil is
- A Mixed Farming
 - B Dry farming
 - C Bush fallowing
 - D Pastoral nomadism

34. The Green Revolution is the application of science and technology to increase crop productivity. Which one of the following pairs **greatly** magnifies the concept of "Green Revolution"?
- A Genetic engineering and mechanisation
 - B Chemical fertilizers and local varieties
 - C Fungicides and blights
 - D Irrigation water and over-cropping

35. Which of the following statements is NOT true of a footloose industry?

- A Has a wide choice of locations
- B Needs good access to efficient Transport
- C Uses light raw materials
- D Its finished products are heavy

36. Study the diagram below which shows cost of production and market price of an industrial product and identify the area of profitable operation.



- A Z
- B Y
- C W
- D V

37. Which one of the following transport modes has the highest running cost?

- A Rail
- B Water
- C Road
- D Pipeline

38. Which of the following types of networks has a high builder cost and a low user cost?

- A Travelling salesman network
- B Circuit network
- C Centre oriented network
- D Connected graph or Paul Revere network.

39. Data collected from the Mbandjeck sugar estate show that in 2013, 24,000 tons of sugar cane were harvested from the plantation and when processed it produced 4,000 tons of sugar ready for packing. What was the material index for that year?

- A = 1/6
- B = 6
- C = 4
- D = 1/4

40. Which of the following people listed below works in secondary or manufacturing industry?

- A a truck driver
- B a ticket collector
- C a shoe maker
- D a coal miner

41. The following are descriptions of forms of rural settlements except ONE. Isolate the odd one.

- A Cruciform
- B Recti-linear
- C Close-knit
- D Circular

42. Which of the following techniques was devised to provide an objective description of settlement distribution patterns?

- A Rank-size rule
- B Nearest Neighbour analysis
- C Central place theory
- D Interaction Breaking Point theory

43. Some factors explaining settlement patterns include;

- (i) Insecurity (ii) Peace (iii) Abundant water (iv) Hilly area
- Which of the following combination of these factors encourages dispersion of settlements?
- A i and ii only
 - B i, iii and iv only
 - C i and iv only
 - D ii and iii only.

44. Which of the following statements does not comply with the Rank-size Rule?

- A If all the settlements in an area are ranked in a descending order of population size, the population of the n^{th} town will be $1/n$ that of the largest
- B The population of settlements of a country is inversely proportional to their rank size.
- C If we multiply the population of a town by its rank, the product will give the population size of the first town in the ranking
- D The population of settlements in a Country is adversely proportional to their rank size

Turn Over

The final shape of market areas according to Walter Christaller's Central Place Theory is the

- A Circle
- B Square
- C Triangle
- D Hexagon

46. Which of the following best defines the K-value as used in Walter Christaller's theory?
- A The amount of goods and services in a Central place
 - B The total number of market areas served by a Central place
 - C The total number of people ready to provide demand for a central function.
 - D The type of functions provided by a central place.

Which of the following pair of towns in Cameroon shows a Binary pattern in urban hierarchy?

- A Garoua and Tiko
- B Bamenda and Limbe
- C Yaounde and Mokolo
- D Douala and Yaounde

48. Identify the set which contains the three criteria used in the Human Development Index in measuring the level of socio-economic progress

- A Energy consumption, per capita income, life expectancy at birth
- B Life expectancy at birth, Educational level, doctor-patient ratio
- C Life expectancy at birth, income and purchasing power, educational level
- D Life expectancy, level of ownership of Televisions, Level of provision or use of pipe borne water

49. Which of the following has contributed most to globalization?

- A Information and communication technology
- B Transport development
- C Increase in International trade
- D Expansion in educational facilities

50. According to Gunnar Myrdal, the process by which growth trickles down to the poorer regions, is known as;

- A Multiplier effect
- B Backwash effect
- C Spread effect
- D Cumulative effect.

STOP

GO BACK AND CHECK YOUR WORK.