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MINISTRY OF SECONDARY EDUCATION

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<p>The Teachers' Resource Unit and the Regional Inspectorate of Pedagogy, in collaboration with NOWEGTA</p>	<p>SUBJECT CODE NUMBER 0750</p>	<p>PAPER NUMBER 1</p>
<p>GENERAL CERTIFICATE OF EDUCATION REGIONAL MOCK EXAMINATION</p>	<p>SUBJECT TITLE GEOGRAPHY</p>	
<p>CANDIDATE NAME: CANDIDATE NUMBER: CENTRE NUMBER:</p>		
<p>ADVANCED LEVEL</p>	<p>DATE Friday 13th March 2020 MORNING</p>	

Time Allowed: One and a half hours
INSTRUCTIONS TO CANDIDATES:

Mobile phones are **NOT ALLOWED** in the examination room.

- USE A SOFT HB PENCIL THROUGHOUT THIS 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 code and subject title--Geography Paper 1".
- Insert the information required in the spaces above.
- Without opening the booklet, pull out the answer sheet carefully from inside the front cover of this booklet. 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.
- Insert the information required in the spaces provided on the answer sheet using your HB pencil:

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

How to answer questions in this examination:

- Answer ALL the 50 questions in this examination. All questions carry equal marks.
- Non-programmable calculators are allowed.
- For each question there are four suggested answers, A, B, C and D. Decide 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]
- Mark only one answer for each question. If you mark more than one answer, you will score zero for that question. If you change your mind about an answer, erase the first mark carefully, and then mark your new answer.
- Avoid spending much time on any question. If you find a question difficult, move to the next question. You can come back to this question later.
- Do all rough work in this booklet using, where necessary, the blank spaces in the question booklet.
- You must not take this booklet and answer sheet out of the examination room. All question booklets and answer sheets will be collected at the end of the examination.

SECTION A: PHYSICAL GEOGRAPHY

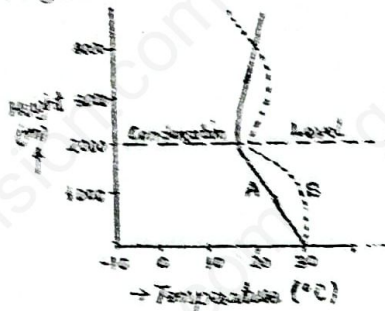
Which of the following constitutes the largest quantity of fresh water store in the global hydrological cycle?

- A) Ground water
- B) Ice caps and streams
- C) Soil moisture
- D) Rivers and Oceans

2) One of these set of gases contains only green house gases. Which is this?

- A) Oxygen, nitrous oxide, methane, helium
- B) Nitrous oxide, Nitrogen, hydrogen, carbon dioxide.
- C) Methane, nitrous oxide, Carbon dioxide, Ozone
- D) CFCs, hydrogen, water vapour, oxygen

Study the figure below and answer questions 3 and 4



- 3) The curve labeled A is called?
- A) Dry Adiabatic lapse rate
 - B) Environmental lapse rate
 - C) Saturated Adiabatic lapse rate
 - D) Freezing adiabatic lapse rate

4) On the figure, identify the height on which the air parcel becomes stable.

- A) 2000 m
- B) 3000 m
- C) 4000 m
- D) 1000 m

5) The heated earth's surface emits long -waves energy which is absorbed by air molecules especially water vapour. This process of heat transfer is known as

- A) Counter radiation
- B) Convection
- C) Terrestrial radiation
- D) Conduction

6) Which of the climatic regions listed below has the following characteristics: high atmospheric humidity high precipitation, high cloud cover, high annual average temperature

- A) The hot desert climate
- B) The tropical monsoon climate
- C) The tropical grass land climate
- D) The tropical rainforest

7) "The upper mpsst layer of the underground water store" best defines?

- A) Hygroscopic water
- B) Water table
- C) Water channel
- D) Capillary water

8) In Cameroon most of the rivers or tributaries which are harnessed to produce hydroelectric power belong to one of the following drainage basins. Which is the basin?

- A) Congo basin
- B) Chad basin

- C) Niger-Benue basin
- D) Atlantic basin

9) Shallow focus earthquakes are associated with the mid Atlantic ride because of the following except one. Isolate the exception.

- A) Zones of divergence
- B) Emission of mantle material
- C) Quiet and un dramatic volcanism
- D) Very explosive volcanism

10) Which of the following statements is the most apt about the location of ocean trenches?

- A) All of them are in the Pacific Ocean.
- B) Located in marginal seas close to the coast/
- C) Located fairly close to continental margins
- D) Located far into the Ocean.

11) Which of the following is not a geological hazard?

- A) Hurricanes
- B) Pyroclastic falls
- C) Lahars
- D) Earth quakes.

12) Isolate the set of fluvial processes whose elements are all erosional

- A) Solution, suspension, saltation
- B) Corrosion, traction, hydraulic action
- C) Attrition, saltation, abrasion
- D) Corrosion attrition, hydraulic action

13) When volcanoes erupt explosively and violently the resultant products will be predominantly

- A) Liquid fluid basic lava
- B) Semi -liquid viscous acidic lava
- C) Fragmented or pyroclastic material
- D) A mixture of fluid lava and fragmentary materials.

14) Rapid and intense type of chemical weathering processes occur in one of the following regions. Identify the region.

- A) The cool temperate continental interior
- B) The polar region
- C) The hot desert
- D) The warm and humid tropics

15) Which of the following pairs of mass movement processes is rapid and associated with high moisture content

- A) Soil creep and rock fall
- B) Mudflow and land slide
- C) Talus creep and rock avalanche
- D) Rock fragments and soil from cliff

16) The following are inputs into the coastal system except one

- A) Back-wash of sea wave
- B) Swash of sea wave
- C) Stream sediments on land
- D) Rock fragments and soil

17) Which of the following best illustrate the orientation and location of the Cameroon volcanic line?

- A) Extends from mount Cameroon through the western High lands to the Adamawa plateau.
- B) Stretches from the Kupe-Manenguba mountains right to the Mandara mountains
- C) Begins from the Adamawa plateau to the Northern Lowlands around Lake Chad.
- D) It includes mainly areas immediately around Mount Cameroon and the Adamawa plateau.

"Old industrial regions tend to persist even when their initial locational advantages have disappeared". This concept is referred to as?

- A) Industrial agglomeration
- B) Industrial growth
- C) Industrial stagnation
- D) Industrial inertia.

37) The point where one land use pattern is replaced by another is known as:

- A) Margin of cultivation
- B) Margin of transference
- C) Rent line
- D) Locational rent.

38) What is the locational quotient of an industry that employs 60% of the population in one region and 42% in the entire country.

- A) 2.4
- B) 1.4
- C) 0.7
- D) 3.4

39) As a timber exporter in Cameroon, a company in Senegal has asked you to send 300 tons of sawn timber to them. If sea, rail, land and air routes are all available, which of them would you choose to transport the timber at minimum cost?

- A) Air
- B) Sea
- C) Rail
- D) Tarrd roads

40) A positive deviations in road network is when:

- A) Routes are deviated to avoid mountains
- B) Routes are deviated to collect more traffic
- C) Routes are deviated to avoid highland values
- D) Routes are prevented from being straight by avoiding obstacles.

41) Study the table below which gives information for three industries. M, N and O

Industry	Weight of Raw Material (kg)	Weight of finished goods (kg)	Material index
M	30	25	-
N	45	20	2.25
O	23	23	-

Calculate the material index for industries M and O respectively

- A) 1.6 and 2.5
- B) 2.5 and 1.20
- C) 1.2 and 1.0
- D) 1.0 and 1.2

42) Which one of the following characteristics pertains only to rural settlement?

- A) Houses are scattered and occupants practices agricultural activities
- B) Houses are nucleated and inhabitants carry out engineering activities
- C) House are equi-distant from one another and the occupants carry out administrative and commercial activities
- D) Habitats have pointed roofs and occupants carry out manufacturing activities.

For a settlement distribution of 5 settlement spread over an area of 275km², what would be the nearest neighbour index (R_n) if the average distance separating them is 0.8km use the

$$R_n = 2\bar{d} \sqrt{\frac{A}{n}}$$

- A) 0.018
- B) 0.135
- C) 0.22
- D) 0.108

43) The following characteristics are related to the urban -rural fringe except one.

- A) Limited access to housing
- B) Fall in land prices
- C) Reduction in services
- D) Changes in the local community.

44) Identify the correct sequence in which land uses are normally located from the CBD with increasing distance outwards, towards the periphery of the town

- A) Retailing , Agriculture, Residential , Industry
- B) Retailing , Industry, Residential, Agriculture
- C) Retailing, Residential, Industry, Agriculture
- D) Retailing, industry, Agriculture, officers

45) Isolate from the following pairs of factors the set that best describes the bidrent theory?

- A) Urban land values, historical relics
- B) Accessibility and Urban land values
- C) Government policy and urban land values
- D) Accessibility and Historical relics

46) The population of the largest town (p) in a country is 3,000,000 people. Using the rank size rule where P_n = P1(n)⁻¹, what is the population of the 3rd town?

- A) 1000,000
- B) 3000,000
- C) 5,000,000
- D) 9,000,000

47) The minimum level of demand necessary to sustain a service or good is known as :

- A) Hierarchy of a good or service
- B) Range of a good or service
- C) Order of a good or service
- D) Threshold of a good or service

48) The town of Buea is found on the slopes of Mount Cameroon between 800m and 1000m in the forest zone, at the terminus of the main road from Tiko. This description refers to:

- A) The site of Buea
- B) The height and relief of Buea
- C) The situation of Buea
- D) The surrounding features around Buea

49) One of the following measures will bring in much revenue to a country as a result of trading with other countries.

- A) Quotas
- B) Exchange control
- C) Trade Agreements
- D) Tariffs

50) In the cumulative causation mode of Gunnar Myrdal, the back wash effect of growth region is when there is

- A) Growing industries in the growth region produce other secondary industries which are dependent on the original areas.
- B) Increase growth and wealth in the rich area trickles down to the poorer regions.
- C) Economic development is increasing in a particular region
- D) Movement of wealth from the poorer regions to the central rich regions.

END