

# DO NOT TURN OVER THIS PAGE UNTIL YOU ARE TOLD TO DO SO.

**YOU WILL BE PENALIZED SEVERELY IF YOU ARE  
FOUND LOOKING AT THE NEXT PAGE BEFORE  
YOU ARE TOLD TO DO SO.**

**WHILE YOU ARE WAITING, READ THE FOLLOWING  
INSTRUCTIONS CAREFULLY.**

PAPER 1  
OBJECTIVE TEST  
[50 marks]

1 hour

1. Use 2B pencil throughout.
2. On the pre-printed answer sheet, check that the following details are **correctly** printed:
  - (a) In the space marked *Name*, check your **surname** followed by your **other names**.
  - (b) In the spaces marked *Examination*, *Year*, *Subject* and *Paper*, check ‘WASSCE’, ‘SC 2020’, ‘GEOGRAPHY’, and ‘1’ respectively.
  - (c) In the box marked *Index Number*, your **index number** has been printed vertically in the spaces on the left-hand side, and each numbered space has been shaded in line with each digit. **Reshade** each of the shaded spaces.
  - (d) In the box marked *Subject Code*, the digits 204113 are printed vertically in the spaces on the left-hand side. **Reshade** the corresponding numbered spaces as you did for your index number.
3. An example is given below. This is for a male candidate whose *name* is Elliot Kofi AGBANA. His *index number* is 7102143958 and he is offering *Geography* 1.

### THE WEST AFRICAN EXAMINATIONS COUNCIL

PRINT IN BLOCK LETTERS Name: <u>AGBANA ELLIOT KOFI</u>	GHA
Examination: <u>WASSCE</u>	Year: <u>SC 2020</u>
Subject: <u>GEOGRAPHY</u>	Paper: <u>1</u>

**INSTRUCTIONS TO CANDIDATES**

1. Use grade 2B pencil throughout.
2. Answer each question by choosing one letter and shading it like this:     A     B     C     D     E
3. Erase completely any answer you wish to change.
4. Leave extra spaces blank if the answer spaces provided are more than you need.

INDEX NUMBER	
7	<input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input checked="" type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9
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SUBJECT CODE	
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**For Supervisors only**  
If candidate is absent shade this space



Answer **all** the questions.

**Each** question is followed by four options lettered A to D. Find the **correct** option for **each** question. Shade in **pencil** on your answer sheet, the answer space which bears the same letter as the option you have chosen. Give only **one** answer to **each** question. An example is given below.

Which of the following is the **most** common form of migration in developing countries?

- A. Rural-rural
- B. Rural-urban
- C. Urban-rural
- D. Urban-urban

The correct answer is rural-urban which is lettered B and therefore answer space B would be shaded.

A  B  C  D  E

Think carefully before you shade the answer spaces; erase completely any answers you wish to change.

Do all rough work on this question paper.

Now answer the following questions.

Study the map of KUSH DISTRICT on page 9 and use it to answer questions 1 to 10.

1. The scale of the map is
  - A. 1 cm to  $\frac{1}{2}$  km
  - B. 1 cm to 1 km.
  - C. 1 cm to 2 km.
  - D. 2 cm to 3 km.
2. The height of Point P is about
  - A. 275 m.
  - B. 300 m.
  - C. 375 m.
  - D. 450 m.
3. The contour interval on the map is
  - A. 50 m.
  - B. 150 m.
  - C. 200 m.
  - D. 250 m
4. What is the approximate distance from **Obasa** to **Oju** as the crow flies?
  - A. 10 km
  - B. 18 km
  - C. 20 km
  - D. 25 km
5. The bearing of **Danki** from **Oju** is
  - A.  $90^\circ$ .
  - B.  $150^\circ$ .
  - C.  $285^\circ$ .
  - D.  $355^\circ$ .



# KUSH DISTRICT

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Contour in metres

Footpath

Settlement

Grassland

Swamp

Lake



Forest

Farmstead

Railway

Road

Bridge

Ocean

6. The feature in the South-West of **Musa** is
- a cliff.
  - an island.
  - a cave.
  - an inselberg.
7. The lower section of R. Kam is showing signs of old stage because of the presence of
- spur.
  - levee.
  - pothole.
  - meander.
8. **Musa** settlement is likely to be
- an airport.
  - a fishing village.
  - a confluence town.
  - a nodal town.
9. A seaport can be sited in all the following settlements **except**
- Kalu.
  - Musa.
  - Obasa.
  - Bama.
10. All the following settlements are intervisible from KUSH **except**
- Oju.
  - Danki.
  - Musa.
  - Kalu.

Use the climate data of station **X** to answer questions 11 to 14.

Station **X**

Month	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Temperature (°C)	26	26	26	26	26	27	27	28	28	28	27	27
Rainfall (mm)	35	50	104	139	195	228	248	243	245	250	91	55

11. The annual range of temperature is
- 1 °C.
  - 2 °C.
  - 22 °C.
  - 28 °C.
12. Which climatic region is represented by the data?
- Desert
  - Mediterranean
  - Equatorial
  - Tropical Monsoon

13. Which of the following towns experiences the type of climate presented?  
A. Gao (Mali)  
B. Cairo (Egypt)  
C. Warri (Nigeria)  
D. London (England)
14. The mean temperature from July to December is  
A. 16.5 °C.  
B. 17.2 °C.  
C. 27.5 °C.  
D. 28.2 °C.
15. The type C of Koppen's climate is the  
A. warm temperate.  
B. tropical continental.  
C. humid continental.  
D. hot desert.
16. A fall in sea level can lead to the formation of  
A. mud flat.  
B. raised beach.  
C. tombolo.  
D. glup.
17. Which of the following is a process of river transportation?  
A. Attrition  
B. Deflation  
C. Abrasion  
D. Suspension
18. Which of the following are processes of physical weathering?  
I. Frost action  
II. Hydrolysis  
III. Oxidation  
IV. Temperature changes  
  
A. I and III only  
B. I and IV only  
C. III and IV only  
D. II and III only
19. Town A is located on longitude 15 °E while town B is located on longitude 45 °E. If the local time in town A is 6.00 am, what will be the local time in town B?  
A. 4.00 pm  
B. 4.00 am  
C. 8.00 pm  
D. 8.00 am
20. The predominant process of weathering in desert regions is  
A. biological.  
B. chemical.  
C. erosional.  
D. physical.

Turn over



21. Which of the following factors affect temperature?
- Latitude
  - Time
  - Wind direction
  - Ocean current
- A. I and II only  
B. II and III only  
C. II and IV only  
D. I and IV only
22. Which climate is characterized by winter rain and summer drought?
- Equatorial
  - Mediterranean
  - Tropical continental
  - Tropical hinterland
23. Temperature decreases with height in the
- stratosphere.
  - troposphere.
  - ionosphere.
  - exosphere.
24. The temporary salt lake found in arid and semi-arid areas is also called
- playa.
  - wadi.
  - bajada.
  - mesa.
25. Hamada is another name for
- sandy desert.
  - stony desert.
  - rocky desert.
  - cold desert.
26. Petroleum is usually found in
- resistant rocks.
  - metamorphic rocks.
  - igneous rocks.
  - sedimentary rocks.
27. One of the following features is an example of faulting.
- Plateau
  - Caldera
  - Rift valley
  - Fold mountain
28. How many Standard Time Zones will a country with a longitudinal extent of  $165^\circ$  have?
- 9
  - 11
  - 15
  - 16
29. The day in which the length of day and night are equal everywhere on Earth is
- 21<sup>st</sup> June.
  - 30<sup>th</sup> August.
  - 21<sup>st</sup> March.
  - 22<sup>nd</sup> December.

30. A rock in which water **cannot** easily pass through is termed
- permeable.
  - porous.
  - impermeable.
  - aquifer.
31. A great circle route is used to
- avoid long flights over deserts.
  - save time and fuel.
  - avoid flying near the North Pole.
  - avoid flying over long distance barriers.
32. The difference between the hottest and coldest months of a place is the
- length of the hot season.
  - mean annual temperature.
  - annual range of temperature.
  - total monthly temperature.
33. Which of the following is **not** a proof of the spherical shape of the Earth?
- Ship's visibility
  - Circular horizon
  - Lunar eclipse
  - Coastal submergence
34. A plateau highly eroded by rivers and broken by deep narrow valleys is
- intermont plateau.
  - volcanic plateau.
  - dissected plateau.
  - lava plateau.
35. Calculate the distance between town Y which is on latitude  $40^{\circ}$  N and town Z which is on latitude  $10^{\circ}$  S.
- 1110 km
  - 3330 km
  - 4440 km
  - 5550 km
36. Which of the following problems hinder international trade?
- Political instability
  - Low tariffs
  - Inadequate foreign exchange
  - Strained relations
- I, II and IV only
  - II, III and IV only
  - I, II and III only
  - I, III and IV only
37. The hinterland of a port is
- deepest part of the port.
  - container section of a port.
  - walled area of a port.
  - area served by a port.

Turn over

38. Which of the following are benefits of transportation to a country?
- I. Diffusion of ideas
  - II. Acculturation
  - III. Unemployment
  - IV. Enhanced trade
- A. II, III and IV only
  - B. I, II and IV only
  - C. I, II and III only
  - D. I, III and IV only
39. Which of the following are characteristics of manufacturing industries in Tropical Africa?
- I. Export-oriented
  - II. Labour intensive
  - III. Consumer-oriented
  - IV. Diversified production
- A. I and II only
  - B. II and III only
  - C. I and IV only
  - D. I and III only
40. Which factor for location of industries explains the establishment of cement industries near areas of limestone deposits?
- A. Market orientation
  - B. Income source
  - C. Source of raw material
  - D. Availability of capital
41. The **major** problem facing the railway transportation compared to road transportation is
- A. low patronage.
  - B. excessive speed.
  - C. inadequate manpower.
  - D. lack of flexibility.
42. Which of the following is **not** a Sea route?
- A. London → Moscow → Baghdad
  - B. London → Cape Town → Melbourne
  - C. New York → London → Rotterdam
  - D. Sydney → Suez → London
43. One characteristic feature of intensive farming is that, it is practised in urban centres where
- A. water supply is inadequate.
  - B. human population is high.
  - C. human population is low.
  - D. demand for produce is low.
44. Which of the following features promote the development of nucleated settlement?
- A. Narrow valleys and rugged highlands
  - B. Dissected plains and nodal centres
  - C. Nodal centres and natural harbours
  - D. Fertile soils and steep valleys



45. In an economy where the **major** problem to industrial development is the fear of failure, the **most** important policy to revitalize the industrial sector of such an economy is
- A. large capital in form of loan.
  - B. large pool of labour.
  - C. development of innovative entrepreneurs.
  - D. creation of industrial estates.
46. Which of the following economic activities makes use of land and sea breezes?
- A. Lumbering
  - B. Hunting
  - C. Fishing
  - D. Mining
47. An example of local craft industry is
- A. pottery.
  - B. ship building.
  - C. fish preservation.
  - D. sand winning.
48. A dominant factor that explains the establishment of industries in some rural areas of Tropical Africa is
- A. development of rural areas.
  - B. encouragement of rural-urban migration.
  - C. reduction of crime in rural areas.
  - D. traffic congestion in rural areas.
49. The **main** difference between *town* and *village* is that
- A. village has more food storage facility.
  - B. village has more occupations.
  - C. town performs more tertiary function.
  - D. town has more unqualified workers.
50. The mode of transportation which is **best** used to convey perishable goods is
- A. air.
  - B. rail.
  - C. road.
  - D. pipeline.

**END OF PAPER**

**Turn over**