ZIMBABWE SCHOOL EXAMINATIONS COUNCIL

General Certificate of Education Ordinary Level

GEOGRAPHY 4022/1

Paper 1 Multiple Choice

SPECIMEN PAPER 1 hour 15 minutes

Additional Materials:
Multiple choice answer sheet
Soft clean eraser
Soft pencil (type B or HB is recommended)
Mathematical set

TIME 1 hour 15 minutes

INSTRUCTIONS TO CANDIDATES

Do not open this booklet until you are told to do so by the invigilator.

Write your name, Centre number and candidate number on the answer sheet in the spaces provided unless this has already been done for you.

There are **forty** questions in this paper. Answer **all** questions. For each question there are four possible answers, **A, B, C,** and **D**. Choose the **one** you consider correct and record your choice in **soft pencil** on the separate answer sheet.

Read very carefully the instructions on the answer sheet.

INFORMATION FOR CANDIDATES

Each correct answer will score one mark.

A mark will not be deducted for a wrong answer.

Any rough working should be done in this booklet.

This question paper consists of 14 printed pages and 2 blank pages.

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Mapwork

Questions **1** to **12** refer to the **1 : 50 000** map of Gwanda, Zimbabwe.

1 In which grid square would one find a dip tank?

A 7260007686000
B 7220007678000
C 7210007678000
D 7200007683000

2 _____ feature is found at 7105007681900.

A Building
B Dip tank
C Trigonometrical station
D Spot height

3 What is the altitude of the hut at 7231007694000?

A 940 metres
B 960 metres
C 980 metres
D 1 000 metres

4 What is the grid bearing of the Trigonometrical station on MT Cazalet in 7080007681000 from one in 710 000 76 81 000?

A 135^0
B 225^0
C 268^0
D 272^0

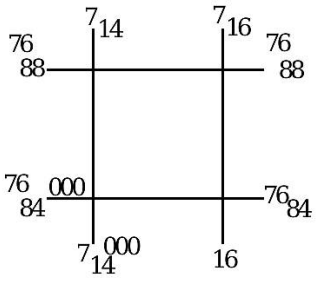
5 What is the grid reference for Datata dam?

A 7180007697000
B 7190007697500
C 7697000718000
D 7698000719000

6 What is the length of the railway line from 7080007686 400 to 7102007689000?

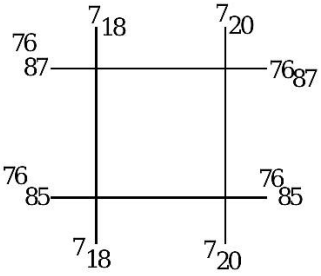
A 3.0 km
B 3.4 km
C 4.4 km
D 6.8 km

7 The most probable reason for the absence of cultivation in the area shown is



A presence of steep slopes.
B inadequate supply of water.
C presence of dense bush.
D poor road network.

8 _____ is the drainage pattern in the area shown.

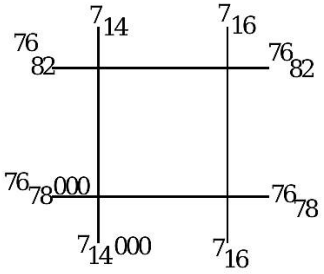


A Centripetal
B Dendritic
C Radial
D Trellis

9 What is the general direction of flow of Silikwana river in the Matsetshe Communal land?

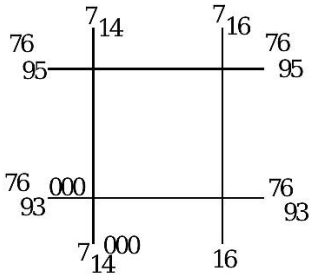
A Easterly
B Westerly
C North Westerly
D North Easterly

10 The most extensive land use in the area shown is



A cultivation.
B housing.
C mining.
D recreation.

11 What is the settlement pattern in the area shown?



A Clustered
B Dispersed
C Linear
D Radial

12 The most probable reason for the establishment of an irrigation scheme in

719 000 7690 000 is

A business centre.
B flat land.
C near river.
D communication.

Physical Environment

13 Which weather hazard destroys buildings and property?

A Drought
B Floods
C Frost
D Hail

14 Which air mass brings rainfall on the North Western part of Zimbabwe?

A Zaire air stream
B South-east trades
C North-east monsoon
D Southerly air stream

15 Why is mercury used in a barometer rather than water?

A High boiling point
B More dense
C Low melting point
D Less dense

16 A large wet bulb depression means the air is

A dry.
B frozen.
C saturated.
D stable.

17 Hot-wet summers and cool-dry winters describe the

A Equatorial climate.
B Tropical maritime.
C Tropical continental climate.
D Mediterranean climate.

18 Which type of weathering process is most active in the region shown?

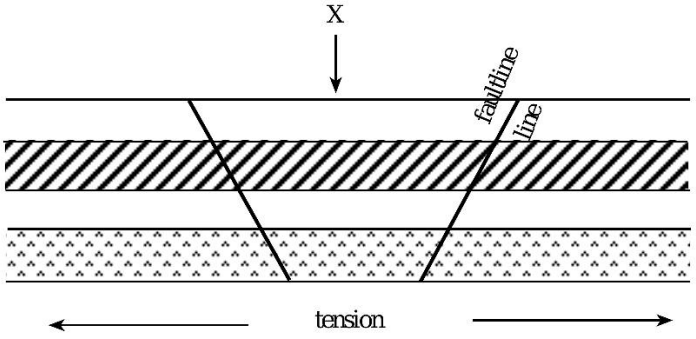
	J	F	M	A	M	J	J	A	S	O	N	D
Temp^{0c}	26	26	25	27	27	27	27	26	25	24	26	26
Rain **mm**	70	70	140	155	200	210	115	100	170	160	98	88

A Exfoliation
B Freeze – thaw action
C Hydrolysis
D Pressure release

19. Which mountain was formed as a result of faulting?

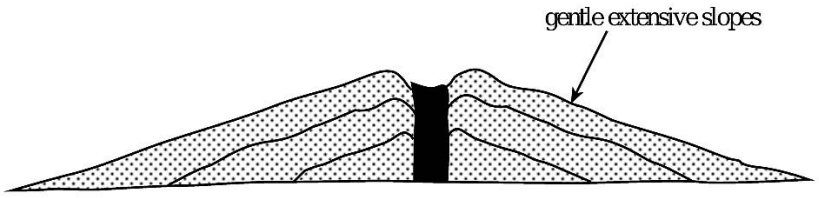
A. Atlas
B. Cameroon
C. Chimanimani
D. Ruwenzori

20. What feature is likely to be formed at x?



A Fault scarp
B Rift valley
C Tilt block
D Horst

21 The volcano shown was formed from which type of material?

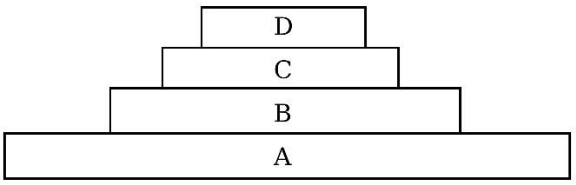


A Intermediate lava
B Acid lava
C Molten rock
D Basic lava

22 What would be the best soil conservation measure to be carried out in areas with steep slopes?

A Water harvesting
B Crop rotation
C Terracing
D Applying fertilisers

23. Which stage **A**, **B**, **C**, or **D** represents primary consumers in a food pyramid?



24 The **least** effective management practice to protect wetlands is

A reforestation with exotics.
B legislation.
C education.
D creation of buffer zones.

25 What was the main reason for the establishment of **CAMPFIRE**?

A to earn a living
B increase exploitation of wildlife
C reduce rural to urban migration
D give control and awareness of wildlife

Economic Geography

26 The most important measure that can be taken to reduce wildlife losses due to poaching is to

A increase security in game parks.
B educate communities.
C fence game parks.
D issue licences to hunters.

27 _____ is a troublesome animal in communities.

A Zebra
B Eland
C Buffalo
D Baboon

28 The most difficulty small scale gold miners face is

A poor working conditions
B lack of equipment and machinery
C underground flooding
D lack of labour

29 Employment structure in four countries.

COUNTRY	% PRIMARY	% SECONDARY	% TERTIARY
A	8	21	71
B	74	15	11
C	79	6	15
D	5	38	85

Which of the countries **A**, **B**, **C** or **D** is the least economically developed?

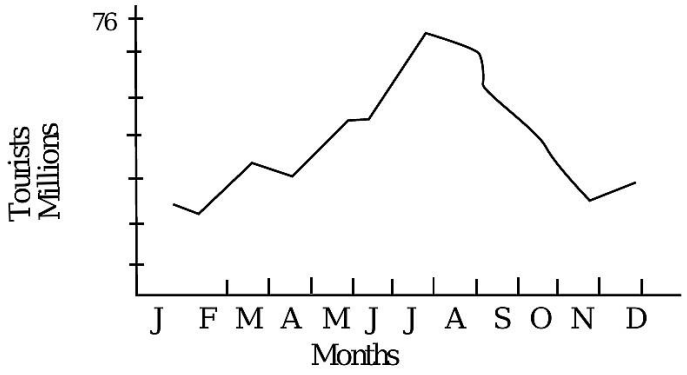
30 Which of the following project would require an Environmental Impact Assessment?

A household solar installation
B dam construction
C homestead biogas digester
D dip tank construction

31 Which of the following is an advantage of leasehold tenure?

A land ownership is at no cost
B allocated land can be taken by a new leader
C land can be used as collateral for loans
D allows for maximum use of the land

32 Which month had the lowest tourist arrivals?



A April
B August
C February
D November

33 How **best** has small scale mining contributed to the economy of Zimbabwe?

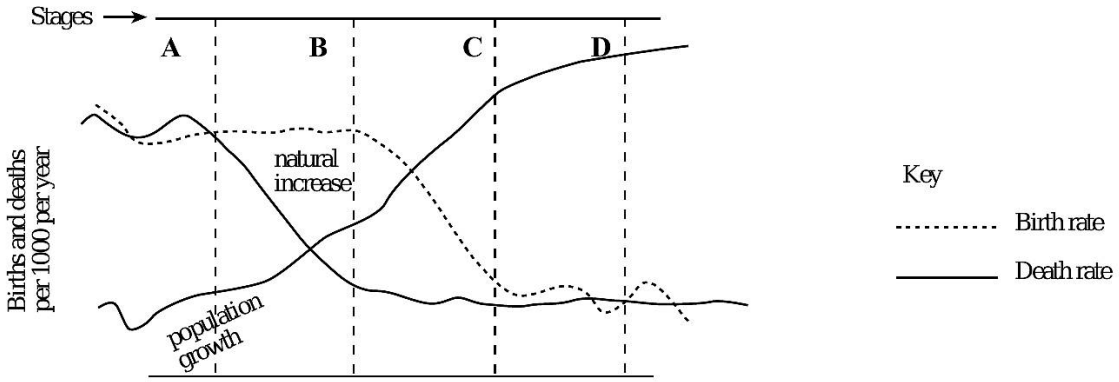
A creation of employment
B paying tax
C development of infrastructure
D development of social services

Population, Settlement and Trade

34 Which disease can spread rapidly in overcrowded conditions?

A Typhoid
B Tuberculosis
C Pellagra
D Cholera

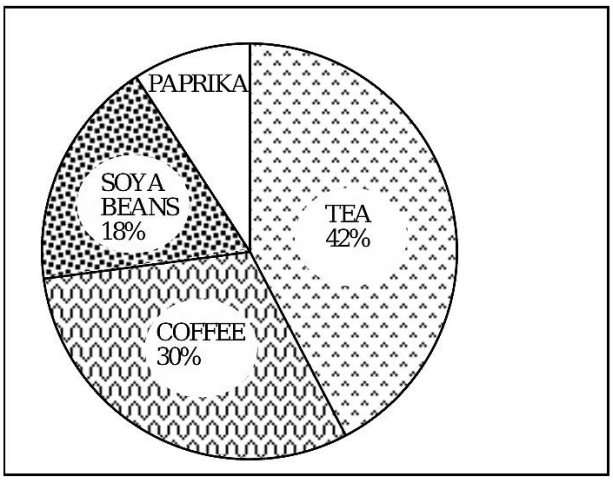
35 Which stage **A**, **B**, **C** or **D** shows the implementation of women empowerment policies?



36 _____ is an impact of rural-urban migration on the source area.

A Increased agricultural production
B More pressure on resources
C Loss of active labour
D More social services developed

37. What is the percentage value of paprika exports?



A 10
B 32
C 52
D 90

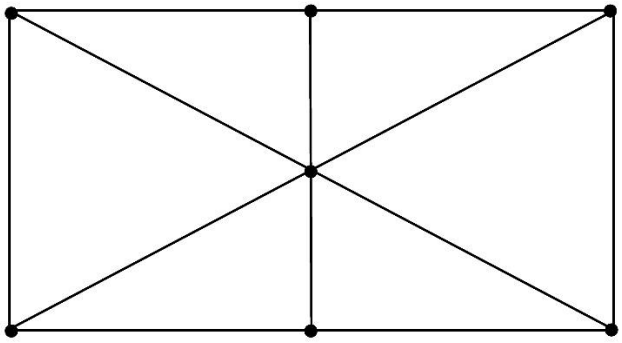
38 How best can the shortage of capital faced by the National Railways of Zimbabwe be solved?

A Privatisation
B Employment of competent staff
C Improve security
D Stiff monitoring and security

39 Which of the following electromagnetic spectrum has the highest amplitude?

A Gamma rays
B Visible light
C Infra red
D Micro waves

40 Calculate the Beta Index of the network shown on the topological map.



Beta Index = $\frac{Edges}{Nodes}$ or $\frac{E}{N}$

A 1.4
B 1.5
C 1.6
D 1.7

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