(Pace)(0774766904)(4022/01)(N19P.1)

ZIMBABWE SCHOOL EXAMINATIONS COUNCIL

General Certificate of Education Ordinary Level

GEOGRAPHY   4022/1

PAPER 1   Multiple Choice

NOVEMBER 2019 SESSION   1 hour 15 minutes

1:50 000 Survey Map is enclosed with this question paper.
Additional materials:
        Multiple Choice answer sheet
        Soft clean eraser
        Soft pencil (type B or HB is recommended)

TIME   1 hour 15 minutes

INSTRUCTIONS TO CANDIDATES

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

Scanned with CamScanner

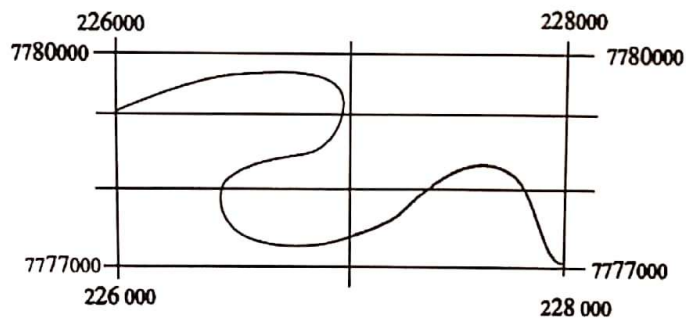## Map work

For questions 1 to 12 refer to the 1: 50 000 map of Mashava.

1   Which grid square has a mine?

A   234000 7777000

B   235000 7777000

C   236000 7777000

D   237000 7777000

2   The approximate area under cultivation in 225000 7776000 is

A $0, 5 \text{ km}^2$.

B $1, 0 \text{ km}^2$.

C $1, 5 \text{ km}^2$.

D $2, 0 \text{ km}^2$.

3   Which of the following best describes the river in the area below?

A   Braiding

B   Meandering

C   Ox bow lakes

D   Rapids

4   The drainage pattern that covers the greater part in 234000 7780000 is

   A   trellis.

   B   rectangular.

   C   radial.

   D   dendritic.

5   What is the approximate altitude of the dam in grid square 223000 7784000?

   A   1060 metres

   B   1040 metres

   C   1020 metres

   D   1000 metres

6   The feature Chinhuwa in grid square 221000 7779000 is a

   A   basin.

   B   hill.

   C   plateau.

   D   ridge.

7   The settlement pattern in grid square 228000 7778000 is

   A   circular.

   B   dispersed.
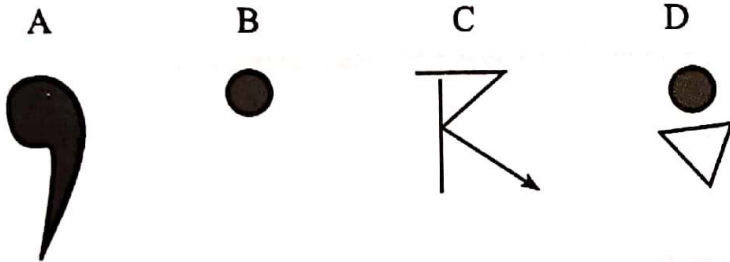
   C   linear.

   D   nucleated.

8   The bearing of Chikova dip tank in 232000 7775000 from the trigonometrical station 503/T in 231000 7776000 is

A   050°.

B   130°.

C   210°.

D   230°.

9   The direction of the quarry in 223000 7773000 from the bridge in 225000 7774000 is

A   North West.

B   North East.

C   South East.

D   South West.

10   The distance along the wide tarred road between the bridges on Tokwe river 232000 7777000 and Musavezana river on Easting 230000 is

A   2,3 km

B   3,0 km

C   3,5 km

D   3,9 km

11   The factor which influenced location of the cattle selling pens in 222000 7772000 is that they are near

A   a hill.

B   communal farmers.

C   railway line.

D   power line.

12   The main human activity east of Easting 234000 is

A   cultivation.

B   irrigation.

C   mining.

D   tourism.

Physical Environment

13   Which of the following A, B, C or D represents stormy weather conditions?

14   An air mass that originates from the equatorial area is

A   cold.

B   dry.

C   stable.

D   wet.

15 Which climate is represented by the table?

	J	F	M	A	M	J	J	A	S	O	N	D
Temp °C	21	24	28	31	31	28	26	25	26	27	24	22
Rainfall (mm)	0	0	3	10	69	117	206	310	142	13	0	0

A Savanna

B Mediterranean

C Equatorial

D Desert

16 The worst destruction during an earthquake is experienced near the

A epicentre.

B focus.

C seismic centre.

D surface wave.

17 Termites in an ecosystem are

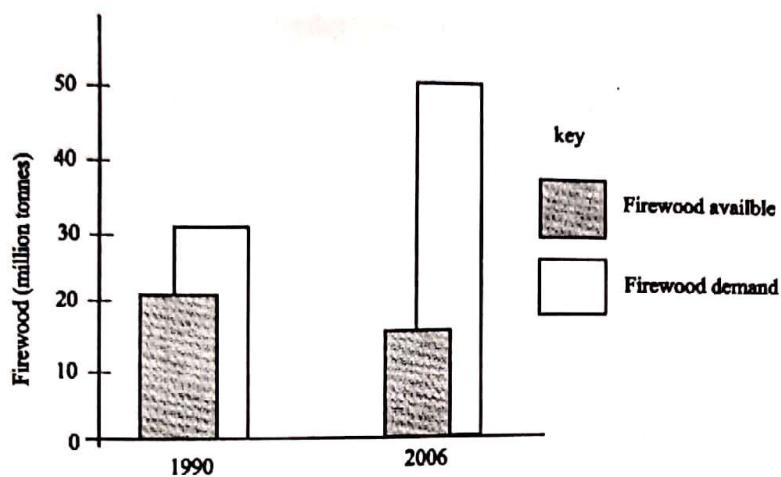A reducers.

B omnivores.

C consumers.

D carnivores.

18   Seeds for trees used in timber production are collected from

A   straight trees.

B   twisted trees.

C   short trees.

D   trees with many branches.

19   Which ecosystem supports the greatest variety of wildlife?

A   Equatorial

B   Hot desert

C   Tropical Savanna

D   Mediterranean

20   A tsunami is a

A   very cold wind.

B   giant sea wave.

C   violent eruption of magma.

D   strong wind with heavy rain.

21   Chemical weathering is most common in

A   hot dry areas.

B   cold dry areas.

C   hot humid areas.

D   cold humid areas.

[Turn over

22   The best action to take when approaching a flooded river is

    A   crossing on a narrow section.

    B   using dug out canoes.

    C   waiting until river subsides.

    D   crossing in a car.

23   A Stevenson Screen is placed how many metres above the ground?

    A   0,3

    B   0,75

    C   1,25

    D   3,00

24   Which of the following is a non-renewable resource?

    A   Fish

    B   Forest

    C   Mineral

    D   Water

25   When granite rock changes to metamorphic rock it is known as

    A   slate

    B   marble

    C   graphite

    D   gneiss

Economic Geography

26 A group of unemployed people in a dry region can engage in

A trout fish farming.

B game ranching.

C tea production.

D intensive beef production.

27 The mining method that causes the greatest damage to Zimbabwean rivers is

A shaft.

B panning.

C open cast

D adit.

28 The best method to conserve natural forests is

A increasing exploitation licences.

B joint ventures of timber exploitation.

C establishing sawmills in the forest areas.

D establishing forest reserves.

29 The method of irrigation that conserves water is

A basin.

B canal.

C drip.

D sprinkler.

[Turn over

30

The problem shown by the graph can be solved by

A introducing fuel-serving devices.

B importing nuclear energy.

C resettling rural people.

D prospecting for more fossil fuels.

31 The table below shows the percentage population employed in industries in four selected countries.

Which country A, B, C or D is the **most** economically developed?

COUNTRY	PRIMARY	SECONDARY	TERTIARY
A	3	26	71
B	7	34	59
C	32	24	44
D	70	10	20

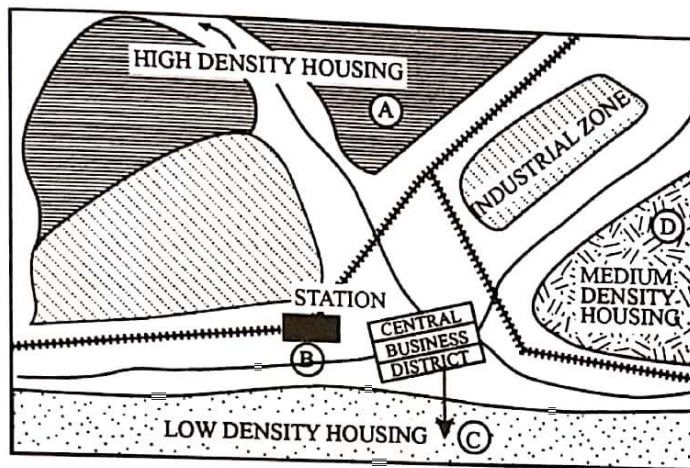32 What is used as a flux in the blast furnace?

A Iron cre

B Limestone

C Manganese

D Coke

33 Which of the countries **A, B, C** or **D** is most prone to typhoid?

Country	% with adequate sanitation
A	18
B	21
C	58
D	44

34 In which of places **A, B, C** or **D** is one likely to find warehouses?

35 Recent housing designs have solar geysers so as to

A increase energy imports.

B save water.

C save electricity.

D increase energy cost.

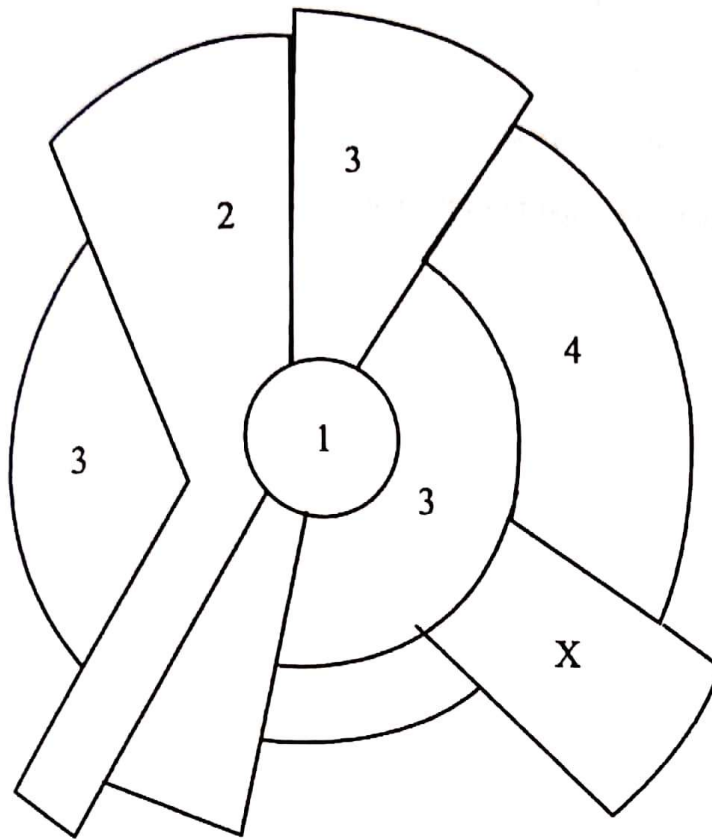## Population, Settlement, Environment, Transport and Trade

36 Which of the following countries **A, B, C** or **D** has the highest population growth rate?

COUNTRY	BIRTH RATE PER 1000	DEATH RATE PER 1000
A	47	11
B	47,2	20,6
C	48,4	11,3
D	54,2	12,4

37 The most comprehensive source of population information is

A church records.

B sample surveys.

C periodic census.

D birth registers.

Which type of landuse is represented by **X** on the model shown?

A Low class residential area

B High class residential area

C Middle class residential area

D Central business district

39 Which of the following is handled through visible trade?

A fuel

B insurance

C tourism

D warehousing

40　　　The value of exports can be improved by

A　controlling prices of raw materials.

B　reducing export subsidies.

C　beneficiation of raw materials.

D　introducing quotas on export of raw materials.