LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA
DEPARTMENT OF
EDUCATION

VHEMBE WEST DISTRICT

NATIONAL SENIOR CERTIFICATE

GRADE 10

GEOGRAPHY

CONTROLLED TEST 02

02 SEPTEMBER 2024

MARKS: 60

DURATION: 1 ½ HOUR

This question paper consists of 08 pages

INSTRUCTIONS AND INFORMATION

1. Answer all the questions
2. All diagrams are included in the QUESTION paper
3. Number the answers correctly according to the numbering system used in this question paper
4. Do not write in the Margins of the ANSWER BOOK
5. Answer in FULL SETENCES, except when you have to state, identify or list'
6. All paragraph questions should be answered in FULL sentences
7. Write neatly and legibly.

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QUESTION 1

1.1 Various options are provided as possible answers to the following questions. Choose the answer and write only the letter (A–D) next to the question numbers.

1.1.1. The graphical representation of the percentage of males and females in different age groups.

A. population pyramid
B. population bar graph
C. population line graph
D. population pie graph

1.1.2. Choose the correct statement to fit with the following sentence.

Life choices that can help to increase life expectancy.

A. Healthy meals and alcohol abuse.
B. Fast foods and good medical care.
C. Good medical care and exercise.
D. Smoking and regular exercise.

1.1.3. A fear of foreigners resulting in unwarranted attacks to scare them into leaving.

A. Xenophobia
B. Xeroderma
C. Xylography
D. Xerothermic

1.1.4. High birth rate and high death rate results in … population growth.

A. High
B. Zero
C. Rising
D. Low

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1.1.5. The … of a country refers to the total number of babies that are born per 1000 of the population per year.

A. population growth
B. death rate
C. fertility rate
D. demography

1.1.6. When skilled and highly educated people leave a country to work in another it is called …

A. talent recycling.
B. brain drain.
C. skills migration.
D. brain loss.

1.1.7. Unregistered and informal entry into a country.

A. Refugee immigration
B. Asylum seeking
C. Illegal immigration
D. Alien migration (7 x 1) (7)

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1.2 Choose the term/concept from COLUMN B that matches the statement in COLUMN A. Write only **X** or **Y** next to the question numbers (1.2.1 to 1.2.7) in the ANSWER BOOK, e.g. 1.2.8 **Y**.

1.2.1	Statistics indicating how population is changing	**X** population indicators **Y** population pyramid
1.2.2	People moving out of their own country to other countries for jobs	**X** migration **Y** emigrant
1.2.3	A very rapid increase in the country's population	**X** population explosion **Y** population expansion
1.2.4	The number of deaths per 1000 population per year	**X** natural increase. **Y** death rate
1.2.5	Migrants who are forced to move out of their country of origin owing to fear of persecution or natural disasters	**X** refugees **Y** Xenophobia
1.2.6	The number of people per square kilometre	**X** **p**opulation distribution **Y** population density
1.2.7	Strong sense of fear and dislike or fear of people from other countries	**X** immigration **Y** xenophobia
1.2.8	The expected average number of years people will live in a country	**X** **life expectance** **Y** literacy rate

(8 x 1) (8)

1.3 Study the table below on population density table of province of South Africa and answer the question that follows.

Province	Population	Estimated area km2	Density of population (People per km2)
Eastern Cape	68 289 958	168 966	40.4
Free State	2 757 644	129 825	21.2
Gauteng	11 328 203	16 548	684.56
Kwazulu-Natal	10 819 130	94 361	114.65
Limpopo	5 554 657	125 755	44.17
Mpumalanga	3 657 181	76 495	47.8
Northern Cape	1 096 731	372 889	2.94
North West	3 253 390	167 512	30.58
Western Cape	5 287 863	129 462	40.87
South Africa	50 586 757	1 219 090	41.49

1.3.1 Define the concept 'Population Density' (1 x 2) (2)

1.3.2 Which province has the highest population density? (1 x 1) (1)

1.3.3 State two factors that has influenced the population density in the province mentioned in QUESTION 1.3.2 (2 x 1) (2)

1.3.4 Which province has the largest area? (1 x 1) (1)

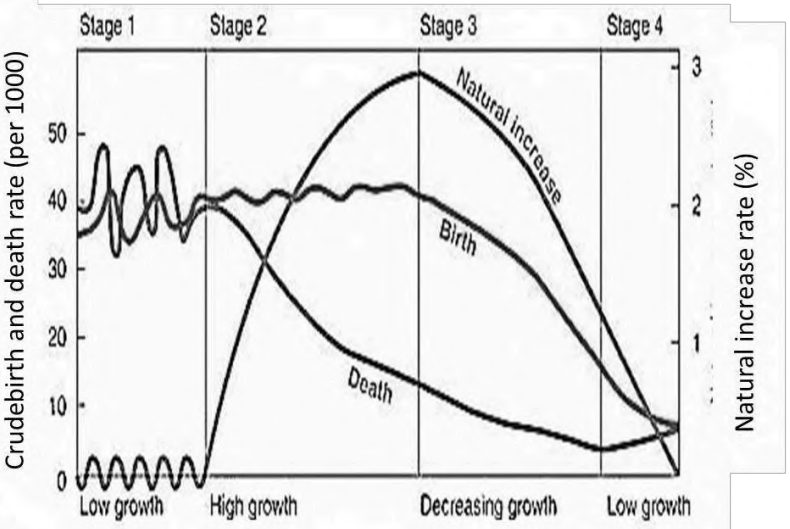
1.3.5 Calculate the population density of Gauteng .Show all your calculations including the formula. (3 x 1) (3)

1.3.6 Discuss the problems that can be experienced in the province you mentioned in QUESTION 1.3.2 due to the high population density. (3 x 2) (6)

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1.4 Study the infographic based on population growth and answer the questions that follows.

Norway -
The minister of Home Affairs in addressing the media highlighted the problem of decreasing birth rates facing developed countries in general, and Norway in particular.
He stated that if the trend continues, within the next 8 years there will be a negative natural growth rate. The current figures do not look so bad because of the immigration of foreigners into the country. This helps boost the figures. He continued to say that the immigrant population could only be part of the population solution.



[Source: *Mind Action Series Grade 10*]

1.4.1 State the population problem that Norway is facing that is highlighted in the article. (1 x 1) (1)

1.4.2 Give ONE reason why your answer in QUESTION 1.4.1. is a problem. (1 x 2) (2)

1.4.3 According to the article the current population figures do not look bad. Provide a reason why it does not look bad. (1 x 2) (2)

1.4.4 Provide ONE piece of evidence from the Demographic Transition Model that shows that Norway is a MEDC country. (1 x 2) (2)

1.4.5 Discuss the possible economic impacts of a low growth rate for a country such as Norway. (2 x 2) (4)

1.4.6 State ONE negative and ONE positive impact of the influx of foreigners on Norway. (2 x 2) (4)

1.5 Refer to the case study below and answer the questions that follow.

Case study: effects of voluntary migration from south Africa

Fleeing from south Africa: why are the best and brightest leaving Africa's most successful state

The south African government doesn't keep reliable emigration statistics. But a number of recent independent studies show that mass departures from south Africa are ongoing and are sapping the nation of its skilled and best-educated young citizens. The most dramatic figures can be found among South African whites. Some 800 000 out of a total white population of 4 million have left since 1995, by one count. But black South Africans are also expressing the desire to leave. In the last 12 years, the number of black graduates in south Africa with advanced degrees has grown from 361 000 to 1,4 million a year. But in that time the number of those expressing high hopes of emigrate has doubled. As growing numbers of these graduates expressing a desire to emigrate, the prospects for Continued black economic empowerment are dimming. Of the country's 25 000 registered accountants, a quarter now live overseas. engineers, doctors, nurses and accountants are all in increasingly short supply. South Africa's doctors are "constantly being poached " by places like Canada, Australia and United States (minister Hogan, 2009). Banks and investment companies are forced to look for talent overseas, and Eskom has recently begun scrambling to attract electrical engineers back home, but with little success. The primary driver for emigration among all groups is fear of crime and pressing national concerns like energy. (Adapted from S Johnson, "Fleeing from south Africa ", *Newsweek*, 14 February 2009)

1.5.1 Define the concept 'Population Movement' (2) (1 x 2) (2)

1.5.2 According to the extract, which race group is mostly leaving South Africa (1) (1 x 1) (1)

1.5.3 According to the extract, what do you think is the main reason for their movement. (1 x 2) (2)

1.5.4 What did the former minister mean when she said that "our doctors are being poached"? (1 x 2) (2)

1.5.4 In a paragraph of 8 lines discuss the negative effects that South Africa will have because of the movement of the race mentioned in QUESTION 1.5.2 (4 x 2) (8)

TOTAL MARKS: 60

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QUESTION 1:

1.1

1.1.1 A (1)

1.1.2 C (1)

1.1.3 A (1)

1.1.4 D (1)

1.1.5 C (1)

1.1.6 B (1)

1.1.7 C (1) (7 x 1) (7)

1.2.

1.2.1 X (population indicators) (1)

1.2.2 Y (emigrants) (1)

1.2.3 Y (population explosion) (1)

1.2.4 Y (death rate) (1)

1.2.5 X (refugees) (1)

1.2.6 Y (population density) (1)

1.2.7 X (Xenophobia) (1)

1.2.8 X (life expectancy) (1) (8 x 1) (8)

1.3

1.3.1 Population density – Number of people living in a country per km^2 (2) (1 x 2) (2)

1.3.3 Gauteng (1) (1 x 1) (1)

1.3.3 Enough jobs (1)

It is the economic heart of South Africa (1)

High standard of living (1)

Improved services (1)

Good infrastructure (1)

[ANY TWO] (2x1) (2)

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1.3.4 Northern Cape (1) (1 x 1) (1)

1.3.5 Population Density $= \frac{Total\ population}{Area\ per\ Km^2}$ (1)

$= \frac{11328203}{684.56}$ (1)

= 16548.15 (1) (3 x 1) (3)

1.3.6 Shortage of space (2)

Shortage of basic services e.g. water, electricity (2)

Poverty (2)

Overcrowding (2)

Diseases (2)

Unemployment

Development of informal settlement (2)

[ANY THREE] (3 x 2) (6)

1.4

1.4.1 Decreasing birth rates. (1) (1 x 1) (1)

1.4.2 The population becomes less/decrease. (2) (1 x 2) (2)

1.4.3 Because there are foreigners immigrating into the country. (2) (1 x 2) (2)

1.4.4 A low to negative birth rate. (2)

A low death rate (2)

[ANY ONE] (1 x 2) (2)

1.4.5 There will be less people in the economically active age group (2)

The economy might suffer as a result of fewer people in the work force (2) (2 x 2) (4)

1.4.6 Negative: Cultural differences might cause conflicts. (2)

Xenophobia might be a problem. (2)

Positive: Foreigners bring new knowledge with them. (2)

Foreigners might have new skills (2)

(ONE POSITIVE and ONE NEGATIVE) (2 x 2) (4)

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1.5

1.5.1 Population movement is the movement of people from one place to another. (2) (1 x 2) (2)

1.5.2 Whites (1) (1 x 1) (1)

1.5.3 Fear of crime (2)
lack of Energy in the country (2)
[ANY ONE] (1 x 2) (2)

1.5.4 They are being approached to work overseas (2) (1 x 2) (2)

1.5.5 productivity will decrease in the manufacturing industries/factories (2)
Shortage of skilled workers will result. (2)
Brain drains will results when skilled people leave the country. (2)
It will also result in lack of employment in the country. (2)
The economy will decline. (2)
[ANY FOUR] (4 x 2) (8)

TOTAL MARKS: 60

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