

NATIONAL UNIVERSITY OF LESOTHO

FACULTY OF EDUCATION

B.ED EXAMINATION

SED 3314: GEOGRAPHY FOR THE HIGH SCHOOL TEACHER

January 2024

Marks: 100

Time: 3 hours

Instruction

Answer all questions in section A and two other essay-type questions from section B

Section A (compulsory)

Question one

- a) Give an account of solar system. (3)
- b) Using a table, describe in two ways the difference between the stars and the moons (4)
- c) Describe the following categories of planets, and provide examples:
 - i. Terrestrial planets
 - ii. Giant planets
 - iii. Dwarf planets (6)
- d) With a detailed diagram, explain what happens during the solar eclipse. (4)
- e) Mention three proofs that the earth is spherical in shape. (3)
- f) If it is 03:00am on Monday in China 105°E , find the time and day in Lesotho 30°E . (5)

Question two

- a) Study Table 1, which gives information about a country in Africa south of the Sahara.

Year	1977	1997	2007
Birth rate per 1000	45	45	25
Death rate per 1000	20	15	31
Population growth rate (%)	2.5	3.0	-0.6

- i. The table shows a change in the birth rate. Suggest reasons for this change. (3)
 - ii. Suggest why the death rate rose sharply between 1997 and 2007. (3)
 - iii. Explain two problems likely to be experienced by countries with negative population growth (4)
 - iv. Suggest possible measures to overcoming problems identified above. (3)
- b) Some of the factors considered in establishing a settlement are site and situation. Distinguish between site and situation (4)
- c) Discuss the following factors influencing site and situation of a settlement:
- i. Soil fertility
 - ii. Natural disasters
 - iii. Water availability (3)
- d) In Lesotho, rural to urban migration is common; discuss the negative impacts of migration in the place of origin. (5)

Section B

Choose and answer two essay-type questions in this section

Question three

One of the global issues impacting the world today is the threat of overpopulation. Discuss this statement, clearly outlining economic, social and environmental impacts of overpopulation.

[25]

Question four

Mining is often viewed in many countries as a key engine of economic development. Discuss two types of mining and the advantages and disadvantages of mining for a country such as Lesotho.

[25]

Question five

The earth has two types of motions, namely rotation and revolution. Write a detailed account of what you understand by these movements, including their respective consequences.

[25]