

SOUTH WEST REGIONAL MOCK EXAMINATION

**THE TEACHERS' RESOURCE UNIT (TRU) IN COLLABORATION WITH THE SUBJECT
TEACHERS' ASSOCIATION (STA)**

31ST MARCH 2022

ADVANCED LEVEL

SUBJECT TITLE	GEOGRAPHY
PAPER NUMBER	2
SUBJECT CODE NUMBER	750

Time allowed : Three hours.

INSTRUCTIONS TO CANDIDATES

Answer FOUR questions choosing atleast one from each SECTION, All questions carry 25marks each.

For your guidance, the mark allocation for each part of a question is indicated in brackets.

You are reminded of the necessity for good English and orderly presentation in your answers.

In calculation, you are advised to show all the steps in your working, giving your answer at each stage.

Non-programmable calculators are allowed.

1)(a) Explain the following terms:

i. Temperature inversion

ii. Humidity

iii. Lagtime 3 x 3 (9mks)

b) Examine the processes of energy transfer from the earth's surfaces to the atmosphere. (9mks)

c) Examine three impacts of man on the drainage basin 7mks)

TOTAL: (25mks)

2)(a) Explain the following concepts as used in geomorphology:

i) Discontinuities of the earth's internal structure

ii) The geometric and kinetic principles of plate tectonics

iii) The mechanisms of earthquakes 3+4+4 (11mks)

b) Examine three factors influencing mass movement. (7mks)

c) Examine three management strategies to check coastal erosion. 7mks)

TOTAL: (25mks)

3)(a) Explain the following concepts as used in biogeography

i) Ecosystem as a system

ii) Soil profile

iii) Sub climax 3 x 3 (9mks)

b) Examine three factors influencing variation in primary productivity of ecosystems. (8mks)

c) Examine three factors affecting the physical characteristic of soil (8mks)

(25mks)

4)(a) Explain the following terms .

i) Population distribution

ii) Dependency ratio

iii) Population change.

3 x 3

(9mks)

b) Examine three factors that influence the shapes and types of population pyramids

(9mks)

c) Examine three merits of the preventive checks proposed by Malthus in Bridging the gap between population growth and food supply

(7mks)

(25mks)

5)(a) Explain the following concepts;

i) Economic rent

ii) Material index

iii) Industrial inertia

3 x 3

(9mks)

b) Examine three technique used in measuring transport network connectivity. (7mks)

c) Examine three realities in the conclusions of Sinclair's agricultural land use model.

(6mks)

(25mks)

6)(a) Explain the following settlement geography concepts:

i) Rural settlement forms

ii) Rural settlement pattern

iii) Site and situation

3 x 3

(9mks)

b) Examine the extent to which the number of functions performed by a settlement is directly proportional to the size of settlements.

(9mks)

c) Examine three measures adopted to curb urban problems

(7mks)

7. EITHER

a) Explain the following concepts;

- i) Climate change
- ii) Global warning
- iii) Drought
- iv) La Nina
- v) Desertification

5 x 3

(15mks)

b) Examine two causes of soil erosion and two remedies to soil erosion.

(10mks)

(25mks)

OR

a) Explain the following concepts;

- i) Globalization
- ii) Millennium development goals
- iii) Sustainable development
- iv) Interdependence
- v) International trade

5 x 3

(15mks)

b) Examine the types of aid and the demerits of dependence on aid.

(10mks)

(25mks)
