

INSTRUCTIONS: ANSWER QUESTION 1 AND ANY OTHER TWO QUESTIONS.

1. (a) Define fluvial geomorphology.

(b) Describe with the aid of diagram the formation of any five fluvial geomorphologic landforms.

2. (a) Write short notes on the following:

- (I) Solar system
- (II) Lithospheric plate
- (III) Greenhouse effect
- (IV) Asthenosphere
- (V) Atmospheric hazards

(b) With the aid of diagram, discuss the formation of five volcanic landforms.

3. (a) Explain the term soil profile using a diagram

(b) Discuss the role of weathering in soil formation

4. Write short notes on the following:

- i. the global pattern of seismicity.
- ii. primary and secondary effects of earthquakes.
- iii. water table.

5. i Define Minerals.

ii what are the physical properties of minerals?

iii Name 5 industrial minerals and their uses