

VPG (1)-GL-(1)

(2)

2017-19

Full Marks : 70

Time : 3 hours

Answer any five questions in which
Q. No. 1 is compulsory.

The questions are of equal value

*Candidates are required to give their answers in
their own words as far as practicable.*

1. Answer any seven of the following :

- (a) What is strike ? Write the difference between strike and contour.
- (b) Describe the symmetry elements in crystals.
- (c) What do you mean by flood plain ?
- (d) Describe apparent dip and true dip of the strata.
- (e) Write a short note on water table.
- (f) What is igneous rock ? Describe in short.
- (g) Write a short note on Geo-thermal energy.

(Turn Over)

(h) Write a short note on Lineation.

(i) Write a short note on Lithosphere.

- 2. Give an account of the internal structure and composition of the earth.
- 3. What is fossil ? Describe the preservation of fossils.
- 4. Describe the hydrological cycle in detail.
- 5. Define sedimentary rock and describe the structures of sedimentary rocks.
- 6. What is mineral ? Describe the sampling methods of minerals in detail.
- 7. What are the alternative sources of energy ? Describe one of them in detail.
- 8. What is earthquake ? Describe the causes of earthquakes in detail.
- 9. Discuss the criteria to recognise top and bottom of the sedimentary beds in the field.

VPG (1)- GL- (1)

Hz- 203