

VPG (1) - GL(3)

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. Write two sentences on any seven of the following :

- (a) Pangea
- (b) Transform faults
- (c) MBT
- (d) Arkose
- (e) ZTR Index
- (f) Kurtosis
- (g) Skewness
- (h) Parasequence

(Turn Over)

(2)

- (i) Suture line
- (j) Cephalon
- 2. Who proposed the concept of Continental Drift ? Discuss in brief the evidences of Continental Drift.**
- 3. Write notes on any two of the following :**
 - (a) Palaeomagnetism
 - (b) Island Arc
 - (c) Types of plate boundary
- 4. Describe the structure and tectonics of Himalayas**
- 5. Give a detailed account of causes mechanism and classification of folds.**
- 6. Discuss various schemes proposed for classification of limestone.**
- 7. Give an account of parameters on which sedimentary environments are classified.**
- 8. With neat labelled diagrams describe the morphology of lamellibranch. Add note on its geological history.**

VPG (1)- GL- (3)

(Continued)

(3)

9. Discuss the applications of micropalaeontology in petroleum exploration.
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