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UG/3rd Sem/GEOLO(H)/T/19

2019

B.Sc.

3rd Semester Examination

GEOLOGY (Honours)

Paper - C 7-T

(PALAEOLOGY)

Full Marks : 40

Time : 2 Hours

*The figures in the margin indicate full marks.  
Candidates are required to give their answers  
in their own words as far as practicable.*

**Group - A**

Answer any *five* questions :

5×2=10.

1. What is adaptive radiation ?
2. What is concurrent range zone ?
3. What is punctuated mode of evolution ?
4. Mention the ages of first appearance of angiosperms and gymnosperms.

[ Turn Over ]

5. What is septal suture ?
6. Define ophisthogyral.
7. Write the name of index fossil of trilobite and cephalopoda.
8. What is peristrom ?

**Group - B**

Answer any *four* questions : 4×5=20

9. Write a short note on Ediacara fauna.
10. Write about the modes of preservation of plant fossil parts.
11. Write a short note on evolution of suture pattern in cephalopod.
12. Write a short note on causes of extinction of Dinosaur.
13. Draw a neat sketch of trilobite with proper labelling.
14. (a) Classify bivalvia according to their beak orientation.  
(b) Write the ecological conditions of bivalvia. 3+2

**Group - C**

Answer any *one* question : 1×10=10

15. (a) Write a short note on botanical affinity, geographical distribution and geological significance of upper gondwana flora. 5
- (b) Write the evolutionary trend of horse. 5
16. (a) Write a brief note on the evidences that help in paleoclimatic interpretation.
- (b) State and explain the law of priority. 7+3
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