

B.Sc. (CBCS Pattern) Semester-III  
**USGEOT06 - Geology Paper-II - Palaeontology**

P. Pages : 2

Time : Three Hours



**GUG/W/24/11609**

Max. Marks : 50

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- Notes : 1. All questions are compulsory and carry equal marks.  
2. Draw neat diagrams wherever necessary.

1. Give an account of classification, morphological characters and geological history of phylum Brachiopoda.

**OR**

Describe the following:

- i) Applications of fossils in economic geology and evolution.
- ii) Petrification

2. Give an account of classification morphological characters and geological history of Cephalopoda.

**OR**

Give an account of the following:

- i) Coiling in Gastropods.
- ii) Geological history of gastropods.

3. Give an account of morphological characters and geological distribution of Graptoloidea.

**OR**

Write notes on the following:

- i) Peristome
- ii) Corona

4. Describe with neat sketches plants of Gondwana period.

**OR**

Describe the following:

- i) Paradoxic and Calymene
- ii) Thorax.

**5.** Write on the following in not more than two sentences (solve **any ten**)

- |                       |                     |
|-----------------------|---------------------|
| a) Mould              | b) Cast             |
| c) Carbonization      | d) Umbo             |
| e) Isodont dentition  | f) Adductor muscles |
| g) Proloculus         | h) Foramen          |
| i) Microspheric tests | j) Septa            |
| k) Mesenteries        | l) Corallite        |

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