

B.Sc. Sem-III (Old Course)  
**B.Sc.23102 - Geology Paper-II (Palaeontology)**

P. Pages : 1

Time : Three Hours



**GUG/S/19/1267**

Max. Marks : 50

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

1. Give an account of various uses of Fossils.

**OR**

Give a brief account of morphological characters of Cephalopoda and add a note on their geological occurrence.

2. Give a brief account of morphological features of foraminifera and add a note on its geological occurrence.

**OR**

Give an account of plants of Gondwana periods.

3. Write brief notes on the following:-

- |                   |                          |
|-------------------|--------------------------|
| a) Petrification. | b) Coiling in gastropods |
| c) Apical disc    | d) Calceoda              |

**OR**

Describe the following:

- |                  |              |
|------------------|--------------|
| e) Carbonization | f) Peristome |
| g) Rhabdosome    | h) Calymene  |

4. Write brief notes on the following:-

- |                |                              |
|----------------|------------------------------|
| a) Terebratula | b) Forms of gastropod shells |
| c) Thecae      | d) Paradoxide                |

**OR**

Write brief notes on the following:-

- |                      |                    |
|----------------------|--------------------|
| e) Brachial skeleton | f) Physa           |
| g) Regular echinoids | h) Cephalic shield |

5. Write on the following in not more than two sentences. Solve **any ten**.

- |                  |                         |
|------------------|-------------------------|
| a) Delthyrium    | b) Pedicle opening      |
| c) Palaeontology | d) Operculum            |
| e) Pallial line  | f) Adductor impressions |
| g) Virgula       | h) Ambulacral plates    |
| i) Sricula       | j) Polyp                |
| k) Facial suture | l) Calyx                |

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