

Bachelor of Science (B.Sc.) Third Semester (Old Course)
B.Sc.23102 - Geology Paper-II (Palaeontology)

P. Pages : 1

Time : Three Hours



GUG/W/18/1267

Max. Marks : 50

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

1. Give an account of phylum Brachiopoda with respect to its classification, morphological characters and add a note on its geological distribution.

OR

Describe morphological characters of phylum Pelecypoda with respect to its classification morphological characters and add a note on geological distribution.

2. Describe morphological characters of Graptoloidea and add a note on its Geological distribution.

OR

Give an account of Anthozoa with respect to morphological characters and add a note on its geological distribution.

3. Describe the following :-

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|--------------------------------|------------------|
| a) Petrification. | b) Physa. |
| c) Dimorphism in foraminifera. | d) Glossopteris. |

OR

Describe the following :-

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|-------------------|--|
| e) Carbonisation. | f) Morphological characters of gastropods. |
| g) Nummulites. | h) Pygidium. |

4. Give brief account of the following :-

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|--|--------------------------|
| a) Fossil as a indicator of evolution. | b) Sutures in Ammonites. |
| c) Cidaris. | d) Paradoxide. |

OR

Describe the following :-

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|---|--------------|
| e) Applications of fossils in economic Geology. | f) Nautilus. |
| g) Ambulacral plates. | h) Calymene. |

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

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|--------------------|--------------------------|
| a) Ichnofossils. | b) Coprolite. |
| c) Mould. | d) Turritella. |
| e) Septa. | f) Body chamber. |
| g) Peristome. | h) Regular echinoidea. |
| i) Periproct. | j) Age of Gangamopteris. |
| k) Facial sutures. | l) Neck furrow. |
