

**B.E (Min £) 6<sup>th</sup> Semester final Examination^OIO**

**Stratigraphy and Palaeontology  
(GEO—601)**

**Answer all the questions**

Time-3 hrs.

Full Marks—70

1 .What do you mean by the word "Stratigraphy"?What are the fundamental Laws of Stratigraphy?Name and Elucidate them.How would you distinguish 'Glossopteris' from 'Gangamopteris'? 3+9+3=15

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2.What is the span of Precambrian in terms of millions of years?state the stratigraphy of any Proterozoic basin of India. 2+13=15

3.Give the Geological Time Scale of Palaeozoic time .State the Twofold and Threefold classifications of Gondwana rocks of India, Comment on the existing idea of palaeoclimate of Gondwana Times.

3+6+11=20

4.Give the Precambrian stratigraphic successions of Singhbhum and Kamataka regions

10+10=20