

PE-285
M.Sc. GEOLOGY (SECOND SEMESTER)
Examination JUNE 2022
Compulsory/Optional
Group-
Paper-

Name/Title of Paper- STRATIGRAPHIC PRINCIPLES AND INDIAN GEOLOGY

Time: Three Hours

Maximum Marks-080

Minimum Passing Marks-029

नोट: दोनों खण्डों से निर्देशानुसार उत्तर दीजिए। प्रश्नों के अंक उनके दाहिनी ओर अंकित हैं।

Note: Answer From Both the Section as Directed. The Figures in the right-hand margin indicate marks.

Section-A

1- Answer the following questions in very short

1x10=10

- a. Write about order of superposition.
- b. What do you mean by Biostratigraphy?
- c. What is sequence stratigraphy?
- d. What is the age & duration of Archaean Era?
- e. Cuddapah formation lies in which state?
- f. Write down the name of type area of Vindhyan formation?
- g. Classify the Gondwana super group.
- h. Write a note on Age of Deccan Trapes.
- i. Write the name of two vertebrate fauna found in siwaliks.
- j. What do you mean by interglacial period.

Section-B

2- Answer the following questions

2x5=10

- a- What do you mean by stratigraphic correlation?
- b- Write a note on Economic importance of Dharwarian rocks.
- c- Write the stratigraphy of Semri Series.
- d- Write a note on Gondwana climatic conditions.
- e- Write a note on Quarternary climate.

Section-C

Answer the following questions:-

12x5=60

3- What do you mean by Stratigraphic units?

Or

Explain the principles of stratigraphic correlations.

4- Give classification, distribution & economic importance of Dharwar group.

Or

Write a note on physiographic divisions of India.

5- Write an essay on classification, distribution & economic importance of Cuddapah super group.

Or

Write notes on:-

- a. Spiti Valley Formation
- b. Indravati group of rocks

6- Write an essay on jurassic formation of India.

Or

Write an essay on Deccan Trapes.

7- Write an essay on Siwalik formation of India.

Or

Write an essay on Cenozoic formation of Assam.