



**Government College (Autonomous), Rajamahendravaram**

*(Affiliated to Adikavi Nannaya University)*

**II B.Sc., GEOLOGY 2018-19**

**V SEMESTER**

**Model Question Paper**

**Paper V: Palaeontology & Indian geology**

Time:3 Hours

Max.Marks:75

**SECTION- A**

Answer all the Questions. *Each Question carries 10 marks*

*4 x 15 = 60M*

- 1) Define Fossil? Describe various methods of preservation, conditions and uses of fossils

OR

Describe the morphological features of Echinoids with neat sketches

- 2) Describe the morphological features of Phylum Brachiopoda with neat sketches.

OR

Write an essay on Phylum Arthropoda

- 3) Write an essay on the structure, lithology and economic importance of the Cuddapah Supergroup of rocks

OR

Describe the lithology and Stratigraphy of Cretaceous rocks of Trichy.

OR

- 4) Write an essay on Deccan Traps

OR

Write an essay on Gondwana Supergroup.

**SECTION- B**

Answer any Five Questions. *Each Question carries 4 marks*

*5 x 3 = 15M*

- 5) Calceola
- 6) Monograptus
- 7) Ptylophyllum
- 8) Index Fossil
- 9) Mineral wealth of Vindhyan Supergroup
- 10) Succession of Siwaliks
- 11) Closepet Granite
- 12) Kaimur Group



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**V SEMESTER**

**Practical Model Question Paper**

**Paper V: PALAEONTOLOGY**

Time: 3 hours

Max. Marks: 50

Describe and identify the following:

- |                              |        |       |            |
|------------------------------|--------|-------|------------|
| 1. Identification of Fossils | 8 Nos. | 8 × 4 | = 32 Marks |
| 2. Fossil Drawing            | 1      | 1 × 8 | = 8 Marks  |

Record

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10 Marks  
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Total Marks

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50 Marks  
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**III B.Sc., GEOLOGY  
ECONOMIC GEOLOGY  
Model Question Paper**

Time: 3 Hours

Max.Marks: 75

**SECTION- I**

Answer any FIVE questions

5x15=75

1. Write an essay on the classification of minerals deposits.
2. Explain the mechanical concentration process of mineral deposits? Give Indian examples.
3. Explain the formation of ore deposits through magmatic concentration.
4. Write an essay on the Origin, Occurrence and distribution of coal deposits in India.
5. Write an essay on the Mineral resource of A.P.
6. Write an essay on the Origin, Occurrence and distribution of Manganese deposits in India.
7. Write notes on
  - a) Copper deposits
  - b) Radio active Minerals
8. Write short notes on
  - a) Ankaleswar oil fields
  - b) Cavity filling.



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**SEMESTER-VI- Elective Paper**

**PRACTICAL Model Paper**

**(Economic Geology )**

Max.Marks: 50

1. Economic Minerals \_\_\_\_\_ 8 X 5 = 40

2. Record \_\_\_\_\_ 10

Total Marks \_\_\_\_\_ 50