

**CENTRAL TRIBAL UNIVERSITY OF ANDHRA PRADESH**  
**DEPARTMENT OF GEOLOGY**  
**SEMESTER –III**

**II- MID Term Examinations-2024**

Name of the Programme : UG programs opted Geology as MDC-III  
Name of the Course : Mineral Resources of India  
Course Code : MDC: 204(Geology)

**Date:** 21-10-2024

**Time:** 10:00 a.m.—11:00 a.m.

**Max. Marks:** 20

**PART-A**

**Answer all the questions. Each question carries 1 mark**

**5x1=5M**

1. What is Radio activity?
2. Uranium-238 shows which type of decay?
  - a. Alpha decay
  - b. Beta decay
  - c. Gamma decay
  - d. Atomic decay
3. Oil deposits in A.P. exist in which sedimentary basin?
  - a. Kalingapatnam
  - b. Nagavali-Vamsadhara
  - c. Krishna-Godavari
  - d. None of the above
4. Gases & pigments are derived from:
  - a. Hydrocarbons
  - b. Oil
  - c. Nuclear Minerals
  - d. None of the above
5. What is ceramic?

**PART-B**

**Answer either A or B- short Answer Question. Question carries 5 marks**

**1x5=5M**

6. A. Brief up about the placer deposits.

**OR**

- B. What is Hydrocarbon? Precisely give a note on the oil & Natural gas deposits in India.

**PART-C**

**Answer either A or B- Essay Question, Question carries 10 marks**

**1x10=10M**

7. A. What are nuclear deposits? Write an Essay on their distribution & reserves in India.

**OR**

- B. What is Refractory Material? Give an account of its classification, types & advantages of its Applications.