



Government College (Autonomous), Rajahmundry

(Affiliated to Adikavi Nannaya University)

II B.Sc., GEOLOGY 2024-

25 III SEMESTER

Model Question Paper

Course 7: FOSSIL FUELS

Time: 2 1/2 Hours

Max.Marks: 50

SECTION - A

Answer any **FIVE** the following questions. Each question carries **7 Marks**

5X7=35M

1. Define fossil fuels. Write an essay on importance and types of Fossil Fuels ?
2. Discuss Petroleum Origin- inorganic and organic theories?
3. Write Advantages and Disadvantages of fossil fuels?
4. Explain the Geology of the productive oil fields of India?
5. Elaborate Origin and classification of Coal?
6. What are Geological and Geographical distribution of coal deposits in India?
7. Types of natural gas based on host rock –shale gas, Tight gas, Coal Seam gas?
8. Write about Process of formation of natural gas?

SECTION - B

Answer any **FIVE** of the following questions. Each question carries **3 Marks**

5X3=15M

9. Role of Seismology – Onshore Seismology, Offshore Seismology?
10. Microfossils?
11. Brief idea of Extraction methods of Oil, Natural gas and Coal.?
12. Geological age of reservoir rocks?
13. Types of Host rocks?
14. Petroliferous basins of India?
15. Status of Oil and Natural Gas in India?
16. Migration and accumulation of oil?