**DSPM UNIVERSITY, RANCHI**

**M.Sc. Geology Date : 11 June 2017**

**Semester - IV**

**Paper Code : EC Geol 402 ( Coal and Petroleum )**

**SAMPLE QUESTION PAPER FOR END SEMESTER EXAMINATIONS**

**SECTION-A**

*(Short answer type questions)*

1. Discuss the mode of occurrence of coal.
2. Origin of coal.
3. Write short notes on any two
4. Inorganic Theories of source of petroleum.
5. Organic theories of source of petroleum
6. Determination of porosity and permeability.
7. Write short on classification of Coal.
8. Give notes on migration of petroleum hydrocarbons.
9. Give brief idea about the Coal preparation.

**SECTION-B**

( *Long answer questions*)

1. Discuss the Chemical analysis of coal.
2. Give an idea about the macroscopic constituent of coal .
3. Write notes on the Trap characteristics and classification of Petroleum.
4. Write the methods of coal prospecting.
5. Give an account on the important oil and gas field and petroleum prospect of India.
6. Discuss the Characteristics of reservoir rocks and their types.