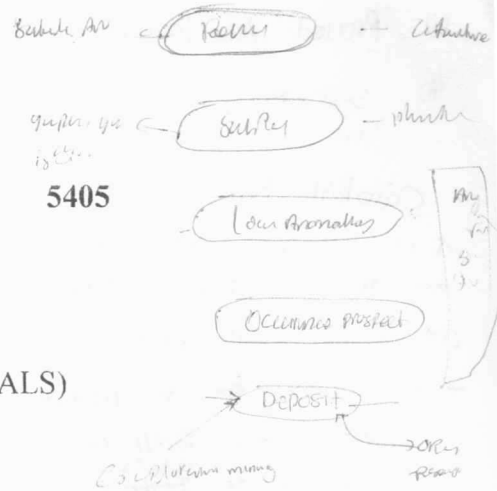


2008 - 2009
 M.Sc. (III SEMESTER) EXAMINATION
 APPLIED GEOLOGY
 FUEL GEOLOGY (COAL, PETROL, ATOMIC MINERALS)
 GLM - 9001
 Maximum Marks: 70
 Duration: Two Hours



Answer all the questions.

1. What do you understand by the term macerals? Give a detailed account of maceral classification. (18)

OR

Write explanatory notes on the following:

- (a) Coal gasification
- (b) Organic and inorganic origin of petroleum.

2. Discuss the origin of source rocks, reservoir rocks and trap rocks in relation to delta sedimentation. (18) -- NE-SW

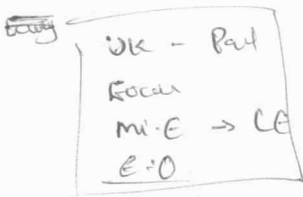
OR

Write explanatory notes on the following:

- (a) Kerogen
- (b) Ketagenesis and metagenesis.

3. Describe the various trapping mechanisms for oil and gas. (17)

4. Name the ore minerals of Uranium and give an account of their geological occurrence in India. (17)



Siwana Valley → 3 major faults are known
 crustal region - Kolar
 & uplifted & elevated sea
 Tinnu, Dandile, Dehaling
 (reference to place name).

The TDD
 BBB.



Bahar, Bar

Dighori - old

Badamt. }
 KODI }
 Barohda }

- (i) Village Sam & Nagar, foot with.
- (ii)