

**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES****End Semester Examination – April 2018****Program/course: MBA (ET)****Subject: Oil Equity Acquisition & Asset Allocation****Code : OGET8004****No. of page/s: 2****Semester – IV****Max. Marks: 100****Duration: 3 Hrs.**

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Note: All sections are compulsory.

**Section – A (30 Marks)**

- Q1. Define all the followings terms: (2.5 x 4)
- API Gravity
  - WTI
  - Oil Shock
  - Upstream Business
- Q2. Attempt any one of the followings (5 x 1)
- Define Strategic Petroleum Reserves and their significance.
  - Compare the Strategic Petroleum Reserves of USA and India.
- Q3. Attempt any one of the followings. (5 x 1)
- Explain the terms Midstream & Downstream in Petroleum Business.
  - Explain the High Risk- High Reward of Nature of Hydrocarbon Sector.
- Q4. Define Petroleum Licenses and the Petroleum Sharing Agreements. Give a model PSC example. (5 x 1)
- Q5. Attempt any one of the followings. (5 x 1)
- Define the petroleum Reserves and Resource and classification
  - Define the Farmin / Farm- out terms in petroleum Assets Acquisitions.

**Section – B (10 x 2=20 Marks)**

- Q6. Attempt two of the followings. (10 x 2)
- Write a brief report with analysis of Pros. and Cons. of the following company's mergers and acquisition in hydrocarbon industry.
- ONGC – HPCL merger
  - Roseneft – ESSAR oil

c) ONGC – Imperial Oil

Section – C (20 x 1=20 Marks)

Q7. Explain the concept of “Economic Rent”, and the define following economic indicators and their significance in relation to Oil & Gas projects.

- a) Net Present Value (NPV)
- b) Discount Factor (DF)
- c) Minimum Economic Field Size (MEFS)

Section – D (15 x 2=30 Marks)

Q8. Write a short note on each of the followings.

- 1. Explain the Production Sharing Contracts (PSC) and give a model PSC contract for any country.
- 2. Explain the new hydrocarbon licencing policy (OALP) and the changes incorporated in this for the bidding of hydrocarbon blocks in India by DGH in recent times.

