

SECTION-B

- Q2. Explain the crude oil pricing mechanism.
- Q3. Describe the standard practices for reporting reserves.
- Q4. Express your assessment on E&P activities of any National Oil company.
- Q5. If an oil company expects a cash flow of \$800,000 by the end of 10 years, and 10% is the current interest rate on money, calculate the N.P.V. of this venture.
- Q6. Explain the concept of Preference Theory with example.

SECTION-C

- Q7. Explain Geopolitics of oil. Describe the current geopolitical situations with respect to India.
- Q8. Calculate the payout period for the two alternatives of capital expenditures involving an investment of \$2 million each for a sulfur removal plant, as given below. The life of project 1 and project 2 is 6 and 10 years, respectively.

Year	Cash Flow (\$)	
	Project 1	Project 2
0	2,000,000	2,000,000
1	1,500,000	200,000
2	500,000	300,000
3	400,000	400,000
4	350,000	400,000
5	250,000	400,000
6	200,000	400,000
7	100,000	400,000
8	—	400,000
9	—	400,000
10	—	400,000

- Q9. Describe the role of OPEC and Non-OPEC countries in global oil scenario.