



WEDNESDAY 23RD MAY – AFTERNOON

OFFSHORE SUPPORT INDUSTRY

Time allowed – three hours

Answer any **FIVE** questions – all questions carry equal marks

Please read the questions carefully before answering

1. Explain **FIVE** operational problems an OSV manager could have to deal with.
2. Explain **FIVE** of the following terms/acronyms.
 - i. ISPS Code
 - ii. MARPOL
 - iii. Clean Design
 - iv. Shark Jaws
 - v. CMID
 - vi. Satellite Well
 - vii. Daughter Craft
 - viii. Seismic Survey
3. Using diagrams to support your answer, describe a modern Offshore Construction Vessel suitable for undertaking a SURF work scope, explaining the range of operations this vessel could undertake. Identify the key vessel features and equipment, briefly explaining their purpose including capacity/specification where relevant.
4. In an active spot market 'ad hoc' charter forms are frequently used. Explain their use and why they may have advantages.
5. Using the world map provided show at least **TEN** main areas of offshore oil and gas activity.

Discuss the factors which influence vessel types in these areas detailing the type of environment that can be expected for all areas you have shown on the map.

PLEASE TURN OVER

6. Describe the BIMCO Dispute Resolution Clause contained in the BIMCO Supply time 2005 Charter Party, making comparisons with a litigation process.
7. As an offshore broker you have a potential client who is new to the offshore market and is looking to invest. Prepare a market report on the current state of the offshore market and how you envisage it moving over the mid to long term. Your report should include the demand for services and the supply of vessels.
8. Describe Hull and Machinery Insurance and cover by a P&I Club explaining their different roles and how they interact.