



THURSDAY 12TH NOVEMBER 2015 – MORNING

OFFSHORE SUPPORT INDUSTRY

Time allowed – three hours

Answer any FIVE questions – all questions carry equal marks

Please read the questions carefully before answering

1. Choose **TWO** of the following special activities and discuss the legal and contractual obligations that must be included in separate rider clauses within a charter party.
 - i) Helicopter operations
 - ii) Passengers
 - iii) ROV operations
 - iv) Sub-sea Crane operations
 - v) Saturation diving operations

2. Explain the difference between Contractual Liability insurance and Legal Liability extension insurance and give examples of each from the offshore vessel industry.

3. Draw a profile of **ONE** of the following ship types, clearly labelling the significant parts and dimensions of the vessel. State a full range of capacities and capabilities for the vessel.
 - i) PSV
 - ii) AHTS
 - iii) SatDSV

4. Answer **BOTH** parts of the question.

Cabotage in various forms is common in the OSV industry.

 - a. Discuss the merits and disadvantages of cabotage regimes
 - b. Provide five examples of different regimes and the countries where they can be found. Use the world map to support your answer

PLEASE TURN OVER

5. Discuss the advantages and disadvantages of the OSV spot market as against the medium and long term charter market, to both the vessel charterer and owner.
6. Since the loss of the *AHTS Bourbon Dolphin* in April 2007, there have been 33 recommendations from the official enquiry dealing with the way rig moves are planned and executed by AHTS vessels. Identify and discuss five of the main recommendations that were made by the official enquiry.
7. Explain **ALL** of the following industry acronyms and their purpose.
 - a) CMID
 - b) OVID
 - c) MHHA
 - d) DPO
 - e) DSV
8. Explain the principles of Dynamic Positioning and describe the differences between DP Class 1, 2 and 3.