



WEDNESDAY 13th APRIL 2016 – 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. 'Confidence in the oil price is crucial for sustaining growth in offshore production.' Discuss this statement.

2. Explain **FOUR** of the following terms.
 - i) AHC Crane
 - ii) ABS/DNVGL/LR
 - iii) IRM
 - iv) ISM Code
 - v) LARS
 - vi) MEG

3. Discuss the principal influences that impact on OSV operations depending on the regions of the world they may be operating in. Use the world map provided to support your answer.

4. The specification of AHTS has developed significantly over recent years. State the principal features that would appear on a vessel specification sheet for what is a high specification AHTS. Discuss the more specialised activities and regions where such a vessel is employed.

5. Answer **BOTH** parts of the question.
 - a) Describe the general arrangement and operational concept of a jack-up drilling rig. Use diagrams to support your answer;
 - b) Discuss the significance of these units within the broader MODU definition.

PLEASE TURN OVER

6. Discuss the range of crane operations regularly undertaken within the offshore industry.
7. Discuss the various ways in which maintenance days can be incorporated in a charterparty.
8. Describe the range of services a broker within the offshore industry can offer.