



POSTPONED MAY EXAMINATION SESSION

MONDAY 13th JULY 2020 – 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. Answer **BOTH** parts of the question.
 - a) Describe the general arrangement of a semi-submersible drilling rig. Use diagrams to support your answer.
 - b) Explain the operational use of these units, in particular how they maintain station and are transported both 'in field' and over longer distances.
2. Explain **ALL** of the following contract clauses.
 - a) Mutual Hold Harmless Agreements
 - b) Knock for Knock Principle
 - c) On/Off hire surveys
 - d) Early Termination
 - e) Breakdown
3. Heavy Lift Crane operations are a regular feature within the offshore industry. Discuss the range of Heavy Lift Crane vessels commonly used, describing their equipment and operational characteristics.
4. What factors will a charterer consider when deciding on the number and type of vessels required for an exploration campaign?
5. Discuss how a charterer would issue a competitive tender for vessel sourcing and indicate the important details that may be required in the tender.
6. 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.
7. Your manager has asked you to write an overview for the company quarterly market report on PSV, AHTS and OCV vessels. Write a draft report with a concluding paragraph explaining your outlook and recommendations for the next year.
8. Describe the procedures involved when moving a semi-submersible drilling rig and discuss the practical issues and considerations a charterer must take into account. Use diagrams to support your answer.