



**MAY 2025 EXAMINATION SESSION**

**MONDAY 19<sup>TH</sup> MAY 2025 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. Explain **FOUR** of the following terms.
  - i. Conductor Pipe
  - ii. Production Phase
  - iii. BOSIET
  - iv. S-Lay
  - v. STCW
  - vi. Satellite Well
2. Explain **ALL** of the following charterparty clauses.
  - i. Maintenance Days
  - ii. Laycan
  - iii. On/Off hire surveys
  - iv. Early Termination
  - v. Mob/Demob Fees
3. Using diagrams to support your answer describe a modern Light Construction Vessel.  
Discuss 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. Provide a general overview of the Offshore Wind market describing the type of installation, method of construction, operational support requirements and the countries which are leading development.
5. ERRV/Stand-by vessels provide an important role in the offshore support industry. Discuss their function.

**PLEASE TURN OVER**

6. Discuss the purpose of an on-hire and off-hire survey, describing some of the issues that such surveys could raise.
7. Using the world map provided select an area of oil and gas activity and identify and analyse the range of ports within that area detailing distances to offshore locations and their facilities to support the offshore industry. Comment on the factors which you consider will impact on future growth and development.
8. Explain the use of 'maintenance days' by offshore support vessels and discuss the various ways by which they can be incorporated in a charter party.