



Name :

Roll No. :

Invigilator's Signature :

CS/MBA(N)/SEM-4 FT/SHM-401/2011

2011

SHIP OPERATION MANAGEMENT

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

GROUP – A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for any *ten* of the following :

10 × 1 = 10

- i) A handy size bulk carrier cargo carrying capacity is
 - a) Less than handy max
 - b) Less than panamax
 - c) More than mini bulkers
 - d) All of these.

- ii) A tanker can pass through Suez Canal if it is
 - a) a product carrier of biggest size
 - b) a chemical tanker maximum size
 - c) a MCC of biggest size
 - d) not all of above sizes.

CS/MBA(N)/SEM-4 FT/SHM-401/2011



- iii) Time charter rate is fixed on
- a) \$ per ton
 - b) \$ per ton-mile
 - c) \$ per day
 - d) \$ per ton/day.
- iv) Baltime' 39 is a standard charter party for
- a) Voyage charter
 - b) Time charter
 - c) Bare-boat charter
 - d) Special charter.
- v) In a voyage charter, lay days are less than
- a) Lay time
 - b) Cancelling days
 - c) Dispatch days
 - d) Allowed repair days.
- vi) For charter finalization in India, which is guided by British law ?
- a) First contract is made then details are worked out
 - b) First details are worked out then contract is made
 - c) Contract and details both can be worked out as per convenience
 - d) Details are made out in the contract itself.



vii) Quality management under ISO 9000 of an organization means

- a) Systematic management
- b) Systematic and documented management
- c) Systematic, documented and well maintained system management
- d) Systematic, documented & well maintained system management with continual improvement.

viii) ISO 9001 : 2008 demonstrates commitment of an organization towards

- a) Service quality and customer satisfaction
- b) Service quality and continual improvement
- c) Service quality and product realization
- d) Service quality and quality assurance.

ix) Old ships are phased out due to

- a) new trend in shipping business
- b) ageing of existing vessels
- c) new technology trend
- d) all of these.



- x) Proper manning strength in number and certified hands availability is required for making ships
- a) Safe
 - b) Seaworthy
 - c) Well maintained
 - d) Dependable.
- xi) Criteria for effective logistic management in shipping service suggest
- a) Timely loading/unloading, bunkering and in time repair/maintenance
 - b) Timely loading/unloading, bunkering, survey and audit in time
 - c) Timely loading/unloading, bunkering, manning and supply of stores/spares in time
 - d) Timely loading/unloading, bunkering, inspections manning, supply of stores/spares in time.
- xii) B.O.L. required for door-to-door service in multimodal transport
- a) open B.O.L.
 - b) order B.O.L.
 - c) through B.O.L.
 - d) bearer B.O.L.



GROUP – B

(Short Answer Type Questions)

Answer any *three* of the following.

3 × 5 = 15

2. Explain ship operation management. For effective ship operation management, list the different elements, briefly explaining their importances.
3. How a time charter negotiation for a vessel is initiated and finalized ? Which issues of the charter are negotiated in this case ?
4. What different functions need to be managed effectively as routine management for a successful maritime adventure ? Out of identified functions, which functions after being managed effectively will make operation more cost-friendly ?
5. In connection with ISO 9001 quality manual, explain —
 - a) Distribution list
 - b) Management responsibility.
6. What are the different elements of quality inventory control ?
In this connection, explain FIFO & cost Vs convenience.



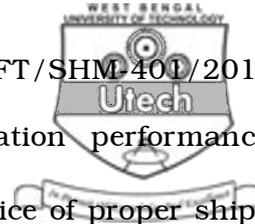
GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following.

3 × 15 = 45

7. Which factors result in ship operation exigencies and what necessary planning and actions are to be done for addressing these issues in a vessel's voyage ?
8. For effective ship operation management, how the role of flag state administration, port state control officers, port authorities and insures are best managed and co-ordinated with reference to their action areas ? How pre-planning helps in these cases ?
9. Logistic chain management is an important part of successful ship operation management. Enlist common shipping logistic and their importances. In a multimodal transport involving rail, ships and road vehicles, state the other different logistics needs to be managed effectively for an effective door-to-door operation.
10. Distinguish between Arrest and Detention of a vessel. Explain the various grounds on which a vessel is arrested. How the same could be taken care of in a voyage ?



11. Over a voyage, how is a ship's operation performance evaluated ? Which factors control the choice of proper ships for a scheduled voyage ? In effective ship operation, highlight the role of survey and audit.

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