



Name : .....

Roll No. : .....

Invigilator's Signature : .....

**CS/MBA/SEM-4 (FT)/SHM-401/2012**

**2012**

**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 :  
 $10 \times 1 = 10$ 
  - (i) ISO 9000 is
    - a) Manufacturing quality bench mark
    - b) Operational bench mark
    - c) Quality and Operational standard.
  - (ii) Under ISO, management review is for
    - a) Review of total system
    - b) Review of non-conformities
    - c) Review of system implemented.
  - (iii) ISO 14000 deals with
    - a) System quality control
    - b) Environment quality control
    - c) Product quality control.



- (iv) ISM audit deals with
  - a) Safety
  - b) Pollution prevention
  - c) Both of these.
- (v) Some of shipping logistic chain management of proper interfacing are of
  - a) Bunkering, spares, manning etc
  - b) Loading, unloading, cargo claims etc.
  - c) Arrival, departure, detention etc.
- (vi) Port state control is
  - a) A representative of flag state
  - b) A representative of foreign state
  - c) A representative classification societies.
- (vii) Marine insurers look after
  - a) Ship safety
  - b) Cargo safety
  - c) Both of these.
- (viii) Chartering is hiring of
  - a) Cargo space of a ship
  - b) Entire ship
  - c) Both of these.
- (ix) Stevedoring is
  - a) Looking after berthing of vessel
  - b) Looking after loading/unloading of vessel
  - c) Looking after arrival/ departure of a vessel
- (x) When a ship moves in a fixed sea route, it is known as
  - a) Liner service
  - b) Tramp service
  - c) Charter service.



- (xi) Classification societies looks after,
- Operation of ship
  - Construction of a ship
  - Quality maintenance of a ship.
- (xii) If a ship is unseaworthy
- It can be arrested at a port
  - It can be detained at a port
  - It can be released from a port.

### GROUP – B

#### ( Short Answer Type Questions )

Answer any *three* of the following.  $3 \times 5 = 15$

- What are different elements of ship operations ? Briefly describe their influence on a voyage.
- Draw an organizational hierarchy of a shipping company enlisting their duties.
- Differentiate between Arrest and Detention of a vessel and their probable causes in shipping.
- What are the principal duties of a flag state ? How do these functions relate to safety ?



**GROUP – C**

**( Long Answer Type Questions )**

Answer any *three* of the following.  $3 \times 15 = 45$

6. Explain in detail duties and functions of a cargo forwarding and clearing agent in shipping. How their duties are interfaced with stevedoring ?
7. What are principal objectives of ISM ? What are its major elements ?
8. Enlist the principal reasons for procuring a new ship by a shipping company. What standard procedures are followed in such procurement ?
9. What are the principal elements for evaluating utility and redundancy of a ship by a shipping company ? What factors influence on selecting proper ship for an identified voyage ?
10. What are different types of chartering practices are common in shipping ? What are sub-chartering and special chartering ? Ship Maintenance-wise which chartering is most different and why ?
11. Write short notes on any *two* of the following :
  - a) Marine insurance
  - b) Marine stevedoring
  - c) Port state control
  - d) Bunkering.

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