	Uilegh
Name:	
Roll No.:	A distance of Knowledge Staff Confident
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. \quad \hbox{Choose the correct alternatives for any $\it ten$ 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.

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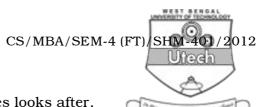
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- (iv) ISM audit deals with
  - a) Safety
  - b) Pollution prevention
  - c) Both of these.
- (v) Some of shipping logistic chain management of proper interfacing are of
  - a) Bunkering, spares, manning etc
  - b) Loading, unloading, cargo claims 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,
  - a) Operation of ship
  - b) Construction of a ship
  - c) Quality maintenance of a ship.

### (xii) If a ship is unseaworthy

- a) It can be arrested at a port
- b) It can be detained at a port
- c) It can be released from a port.

### **GROUP - B**

## (Short Answer Type Questions)

Answer any *three* of the following.

- $3 \times 5 = 15$
- 2. What are different elements of ship operations? Briefly describe their influence on a voyage.
- 3. Draw an organizational hierarchy of a shipping company enlisting their duties.
- 4. Differentiate between Arrest and Detention of a vessel and their probable causes in shipping.
- 5. What are the principal duties of a flag state? How do these functions relate to safety?

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#### **GROUP - C**



Answer any three of the following.



- 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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