

# INDIAN MARITIME UNIVERSITY

(A Central University, Government of India)

## END SEMESTER EXAMINATION December 2017

**Programme:** B.Tech (Marine Engineering)

**Semester:** V

**Subject Name:** Management Science & Economics

**Subject Code:** UG11T2502/1502

**Date:** 06.12.2017

**Maximum Marks:** 100

**Time:** 3 Hrs

**Pass Marks:** 50

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### PART – A

(10 x 3 = 30 Marks)

**All questions are compulsory**

1. (a) Briefly explain various functions of a manager.
- (b) Briefly describe SWOT analysis.
- (c) What is balance sheet of a firm?
- (d) Briefly explain PERT.
- (e) Elucidate 'X' and 'Y' theory of motivation.
- (f) Define Income elasticity of demand. Provide an example.
- (g) Explain GDP.
- (h) Describe reasons for the 'U' shaped short run average cost curve.
- (i) Mention any three functions of WTO.
- (j) Briefly discuss various causes of inflation.

### PART – B

(5 x 14=70 Marks)

**Answer any five of the following seven questions**

2. Discuss management principles as propounded by Henry Fayol. (14)
3. (a) Explain break even analysis with the help of a diagram and a numerical example. (6+4)
- (b) What are the limitations of break even analysis? (4)
4. (a) How are critical path and critical activities defined under CPM. (4)
- (b) Explain various salient features, advantages and disadvantages of CPM. (2+4+4)
5. (a) Discuss Fredrick Herzberg's motivational theory. (10)
- (b) What is the contribution of Elton Mayo in the context of motivation? (4)

6. Under what circumstances does a demand curve slope upwards? Explain. (14)
7. Describe how is price determined under perfect competition market? (14)
8. Discuss various functions of central bank of a country? (14)

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