

Name:

Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

Online End Semester Examination, May 2020

Course: Logistics and Supply Chain Management

Program: BBA OGM (III)

Course code: LSCM 2002

Semester: III

Time: 03 hrs.

Max. Marks: 100

SECTION A

1. Each Question will carry 5 Marks

2. Instruction: Complete the statement / Select the correct answer(s)

| S.No | Question | CO |
|------|--|-----|
| Q 1 | Which of the following is NOT logistics activities in a firm's immediate supply chain? a) Information Maintenance b) Protective packaging c) Customer Service d) Transportation e) Warehousing f) Linear Programming | CO1 |
| Q 2 | The following formula used to maximize the total supply chain profitability? a) Net revenues = Total Cost – Gross revenues b) Gross revenues = Net revenues – Total Cost c) Total Cost = Gross revenues – Net revenues d) Net revenues = Gross revenues – Total Cost | CO1 |
| Q 3 | The level of safety stocks for Class A, B and C items are _____, _____, and _____ respectively. a) Low, Medium and High b) Nil, Medium and High c) Medium, Nil and High d) Medium, Low and High e) Low, High and Medium | CO2 |
| Q 4 | Given sequence indicating the highest cost of performance of modes: <i>Air > Truck > Rail > Pipeline > Water</i> (TRUE / FALSE) | CO3 |
| Q 5 | _____ is the fourth building block of supply chain macro processes and its full form is _____. a) CRM b) TMF c) SRM d) SEM e) ISCM | CO4 |
| Q 6 | _____ to find the sequence in which points should be visited will minimize the total travel time or distance. | CO4 |

SECTION B

- 1. Each question will carry 10 marks**
- 2. Instruction: Write short / brief notes**

| | | |
|------|---|-----|
| Q 7 | How the following issues affecting strategic fit? Explain with an example. (a) Product Life Cycle OR Increasing globalization (b) Environment and Sustainability | CO1 |
| Q 8 | Discuss various modern techniques for inventory control with their merits and demerits OR Explain the basic trade-off between responsiveness and efficiency for the various components of inventory decisions? | CO2 |
| Q 9 | Unitization of load plays important role in effectiveness of the material handling system installed in the warehouse. Explain. | CO2 |
| Q 10 | How <i>piggy-back</i> differs from <i>birdy-back</i> ? Discuss in brief. Why to use postponement strategy? OR <i>“Decisions on transportation modes are crucial to organization”</i> . Explain. | CO3 |
| Q 11 | Discuss various technologies used in managing logistics and supply chain. | CO4 |

SECTION C

- 1. Each Question carries 20 Marks.**
- 2. Instruction: Write long answer.**

| | | |
|------|---|-----|
| Q 12 | The forecasters looks for data patterns as: $Data = Historic Pattern + Random Variation$ What are the types of “ <i>Historic pattern</i> ” to be forecasted by the forecasters? Explain with suitable examples. Also, define the term “ <i>Random Variation/Movements</i> ” with an example. How to measure the forecasting accuracy? | CO3 |
|------|---|-----|