



UNIVERSITY OF PETROLEUM & ENERGY STUDIES
DEHRADUN

End Semester Examination-May 2017

Program/course: MBA LSCM
Subject: Overview of Business Sectors
Code : MBCM 703
No. of page/s:

Semester – II
Max. Marks : 100
Duration: 3 Hrs.

SECTION A

(20 Marks)

1. An Economic Union is preceded by and
2. International sourcing decisions are made on the basis of comparison of
3. An item such as an aircraft engine is classified as a
4. The largest size of Oil tanker capable of negotiating the Suez Canal is called and is between and DWT.
5. Air cargo is unitized and transported using and
6. Cargo storage terminals at ports are called and carry out and functions.
7. The attempt by airlines to source aircraft parts from non OEM suppliers is called
8. The upstream Supply chain of crude oil is primarily required to be
9. Natural Gas transportation requires tankers.
10. The generation of thermal power uses or as primary fuels.

SECTION B

(20 Marks)

Write short notes on any 4 of the following:

1. Aircraft spare parts.
2. Russia's decree 166.
3. MIDP.
4. Supply chain metrics.
5. Choke points.

SECTION C

(30 Marks)

Answer any 2 questions:

1. A sea port or airport serves an important function in that it serves as a point of modal/ vessel transfer for an item of cargo. Detail the various activities carried out at the port and what impact they have on the responsiveness or efficiency of the supply chain. Compare the supply chain efficiency / responsiveness for airports and sea ports.
2. Examine the steps initiated by Cathay Pacific to change their purchasing strategy for spare parts and detail the impact they are likely to have on their costs of inventory and manpower as well as AOG time.
3. What factors are likely to be considered in finalizing the fuel mix for a thermal power plant to be established in India? Examine in detail with specific reference to supply chain performance evaluation parameters.

SECTION D

(30 Marks)

Compulsory

The supply chain for the Oil & Gas sector is divided into 3 parts, upstream, midstream and downstream. Critically examine the three segments of the supply chain for Oil in India and define key drivers and metrics for each segment. Justify your answer with a logical explanation in each case.