

Roll No: -----



**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**

**End Semester Examination, May 2019**

**Program: MBA LSCM**

**Semester – II**

**Subject (Course): Overview of Business Sectors**

**Course Code : LSCM-7004**

**No. of page/s: 2**

**Max. Marks : 100**

**Duration : 3 Hrs**

**SECTION A (Attempt all)**

<b>SECTION A (Attempt all)</b>			<b>[20 marks]</b>	
<b>Q1.</b>				
(a) Fill in the blanks			<b>7x2 = 14</b>	<b>CO1</b>
Agricultural revolution in India	Product related	Person associated		
Green Revolution	(i) _____	Shri M.S. Swaminathan		
Blue Revolution	(ii) _____	Dr Arun Krishnan		
(iii) _____	Pharmaceuticals / (iv) _____ Production / (v) _____ Production	Shri Durgesh Patel		
(vi) _____	Milk production	Mr Verghese Kurien		
(vii) _____	Higher Production (Technology driven 2 <sup>ND</sup> Green revolution)	Coined by PM Narendra Modi and FM Arun Jaitely.		
(b) What type of document issued by a carrier, or its agent, to the shipper as a contract of carriage of goods? It is also a receipt for cargo accepted for transportation, and must be presented for taking delivery at the destination.			2	CO3
(c) COO stands for _____ issued by PHD Chamber of Commerce.			1	CO3
(d) What is viscosity index?			2	CO2
(e) Information is one of the most important cross-functional drivers for measuring the supply chain performance. <i>True/False?</i>			1	CO1
<b>SECTION B (Attempt any four)</b>			<b>[4x5 = 20 marks]</b>	
<b>Q2.</b> What are the main features of Electricity Act 2003?			5	CO1
<b>Q3.</b> Who are freight forwarders in port and shipping industry? How it differs from 3PL?			5	CO3

Q4. Who are the agencies involved in port activities?	5	CO3
Q5. What is the use of “Fenders”?	5	CO2
Q6. Draw the diagram to represent the parts of a ship.	5	CO2
<b>SECTION C (Attempt all)</b>	<b>[3x10 = 30 marks]</b>	
Q7. Explain the supply chain process of textile industry from cradle to grave. Perform SWOT analysis for this industry.	10	CO1, CO4
Q8. Discuss the operating principle of 4-stroke engine. How it is different from Deutz engine?	10	CO3
Q9. Discuss the importance of global upstream companies for Indian perspective.	10	CO3
<b>OR</b>		
Q9. What are the supply chain issues in oil industry when crude oil transported from a rig to a refinery?		
<b>SECTION D (Compulsory)</b>	<b>[2x15 = 30 marks]</b>	
Q10. Explain the power value chain. How nuclear power station differs from hydro power station in terms of pros and cons?	15	CO1, CO2
Q11. Draw the flowchart of capsule manufacturing process. What are the main documents required for exporting the capsule?	15	CO3, CO4

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**SECTION A (Attempt all)**

<b>SECTION A (Attempt all)</b>				
<b>Q1.</b>			<b>[20 marks]</b>	
(a) Fill in the blanks			4x2 = 8	CO1
Agricultural revolution in India	Product related	Person associated		
Green Revolution	(i) _____	Shri M.S. Swaminathan		
Blue Revolution	(ii) _____	Dr Arun Krishnan		
(iii) _____	Milk production	Mr Verghese Kurien		
(iv) _____	Higher Production (Technology driven 2 <sup>ND</sup> Green revolution)	Coined by PM Narendra Modi and FM Arun Jaitely.		
(b) What type of document issued by a carrier, or its agent, to the shipper as a contract of carriage of goods? It is also a receipt for cargo accepted for transportation, and must be presented for taking delivery at the destination.			2	CO3
(c) COO stands for _____ issued by PHD Chamber of Commerce.			1	CO3
(d) Name three logistical drivers in the supply chain.			3	CO2
(e) What is flash point?			2	CO4
(f) What is maritime trade?			2	CO1
(g) Name any two types of shipping containers.			2	CO1
<b>SECTION B (Attempt any four)</b>			<b>[4x5 = 20 marks]</b>	
<b>Q2.</b> Name 10 different types of problems occur during grid operation.			5	CO2
<b>Q3.</b> How 4PL differs from 3PL?			5	CO3
<b>Q4.</b> Who are the agencies involved in port activities?			5	CO3

<b>Q5.</b> Explain IATA CEIV Certification.	5	CO2
<b>Q6.</b> What are the main features of Electricity Act 2003?	5	CO1
<b>SECTION C (Attempt all)</b>	<b>[3x10 = 30 marks]</b>	
<b>Q7.</b> Explain the concept of petro retail management in a downstream.  <b>OR</b> <b>Q7.</b> Explain the retail outlet network for lube and other petroleum products like (MS = Petrol, diesel).	10	CO4
<b>Q8.</b> Draw the flowchart of capsule manufacturing process.	10	CO3
<b>Q9.</b> How nuclear power station differs from hydro power station in terms of pros and cons?	10	CO2
<b>SECTION D (Compulsory)</b>	<b>[2x15 = 30 marks]</b>	
<b>Q10.</b> Explain the upstream and downstream process of oil industry. Perform SWOT analysis for the textile industry.	15	CO1, CO4
<b>Q11.</b> Explain the term “value chain” in power sector. Give diagrammatic view to discuss.	15	CO2