



Bharatiya Vidya Bhavan's  
**Sardar Patel College of Engineering**

(A Government Aided Autonomous Institute)  
Munshi Nagar, Andheri (West), Mumbai – 400058



**END SEMESTER EXAMINATION**  
**MAY 2018**

**Program: M. Tech. Construction Management**

**Semester: II**

**Course code: MTCM159**

**Name of the Course: Elective –II: International Construction Business**

**Duration: 3 hr**

**Maximum Marks: 100**

**Instructions:**

1. Attempt any five out of Seven questions
2. Figures to the right side indicate full marks.
3. Assume Suitable data if necessary and state it clearly

Q. No.	Questions	Marks	CO	MN
Q1	Define Globalization. Explain the features and hurdles of Globalization.	10	01	01
a)				
	Give a brief overview of a Asian Currency Market.	10	01	02
b)				
Q2	Highlight checks, Bill of Exchange and other export-import documents.	10	02	03
a)		10		
b)	Explain Exchange Rate Mechanism.			
Q3	Highlight role of World Trade Organization (WTO).	10	03	04
a)				
b)	Explain the activities of GATT (general Agreement on Trade and Tariff) and UNCTAD (United Nation conference on Trade and Development).	10	02	03
Q4	Explain instruments of credit trade- TT (Telegraphic Transfer), FAX, MT (Money Transfer).	10	03	04
a)				
b)	Explain salient functioning of EXIM bank.	10	02	05

<b>Q5</b>				
<b>a</b>	Explain International Financial Market.	<b>10</b>	<b>02</b>	<b>03</b>
<b>b</b>	Explain Environmental Adaptation to Globalization.	<b>10</b>	<b>03</b>	<b>03</b>
<b>Q6</b>				
<b>a)</b>	Explain International Financial Market.	<b>10</b>	<b>01</b>	<b>05</b>
<b>b)</b>	Explain the importance of Foreign Aid.	<b>10</b>	<b>02</b>	<b>04</b>
<b>Q7</b>				
<b>a)</b>	Discuss the effect of Globalization on world economy.	<b>10</b>	<b>03</b>	<b>01</b>
<b>b)</b>	Give a detailed explanation of Foreign Exchange Market.	<b>10</b>	<b>02</b>	<b>02</b>



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**END SEMESTER EXAMINATION**  
**MAY 2018**

**Program: M. Tech. Construction Management**

**Semester: II**

**Course code: MTCM152**

**Name of the Course: Management of Construction Resources**

**Duration: 3 hr**

**Maximum Marks: 100**

**Instructions:**

1. Attempt any five out of Seven questions
2. Figures to the right side indicate full marks.
3. Assume Suitable data if necessary and state it clearly

Q.No.	Questions	Marks	CO	MN																								
Q1a)	Explain the functions and objectives of Materials Management.	10	01	05																								
b)	Give a brief overview of Trade Union Act.	10	01	01																								
Q2	Following is the list of items used in a construction project. Carryout the ABC analysis and categorize them according to their significance.	10	01	06																								
a)	<table border="1"><thead><tr><th>Items</th><th>units</th><th>unit price in Rs.</th></tr></thead><tbody><tr><td>Brick</td><td>1500</td><td>1.25</td></tr><tr><td>Block</td><td>1000</td><td>30</td></tr><tr><td>drill bit</td><td>3000</td><td>1.50</td></tr><tr><td>Clamp</td><td>1000</td><td>0.75</td></tr><tr><td>Jali</td><td>1600</td><td>5.5</td></tr><tr><td>trap</td><td>1400</td><td>4.75</td></tr><tr><td>W. Sill</td><td>500</td><td>50</td></tr></tbody></table>	Items	units	unit price in Rs.	Brick	1500	1.25	Block	1000	30	drill bit	3000	1.50	Clamp	1000	0.75	Jali	1600	5.5	trap	1400	4.75	W. Sill	500	50			
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b)	Explain salient features of Workmen's Compensation Act-1923.	10	02	01																								
Q3	How do you classify construction materials into different category?																											
a)	Discuss the degree of supervision required to control them.	10	03	06																								
b)	What do you mean by Economic Order quantity? Derive an Expression for an Economic Order quantity.	10	02	03																								
Q4a)	What do you mean by Quality control? How it is achieved at construction project?	10	01	04																								
b)	Explain the qualities of good purchaser and supplier.	10	02	05																								

<b>Q5</b>		<b>10</b>	<b>02</b>	<b>05</b>
<b>a</b>	Highlight scope, aims and uses of Materials Management .			
<b>b</b>	How will you carryout out Manpower planning of a construction company?	<b>10</b>	<b>01</b>	<b>02</b>
<b>Q6</b>		<b>10</b>	<b>01</b>	<b>07</b>
<b>a)</b>	Explain in details the application of Project Management Software in construction Industry.			
<b>b)</b>	Discuss the importance of equipment Management in construction sector.	<b>10</b>	<b>02</b>	<b>04</b>
<b>Q7</b>	Determine the owning & operating cost per hour for excavating equipment, from the following data: (i) Purchase cost = Rs. 42 lakhs (ii) Useful life = 10 yrs (1800 hrs/yr) (iii) Engine horse power = 30 diesel (iv) Salvage value = 10% of purchase cost	<b>10</b>	<b>03</b>	<b>04</b>
<b>a)</b>	Assume:- (i) Maintenance & repair cost = 100% of depreciation (ii) Investment cost = 11% of average annual investment (iii) Operating factor = 0.8 (iv) Lubrication cost = 25% of fuel cost			
<b>b)</b>	What are the Precautions to be taken during storage and transport of construction Materials?	<b>10</b>	<b>01</b>	<b>06</b>