

CONTINUOUS INTERNAL EVALUATION- 1

Dept: Civil	Sem / Div: 5	Sub: Construction Management and Entrepreneurship	S Code: 18CV51
Date: 19/10/20	Time: 9.30-11.0AM	Max Marks: 50	Elective: N

Note: Answer any 2 full questions, choosing one full question from each part.

Q N	Questions	Marks	RBT	COs
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PART A

1 a	Define Construction Management. Explain the objectives of Construction Management.	8	L2	CO1																														
b	What are the functions of managements? Explain any two of them.	8	L2	CO1																														
c	Draw the network for a project consisting of 10 activities as given below. Draw the critical path and mention total duration.	9	L2	CO1																														
	<table border="1"> <thead> <tr> <th>Activity</th> <th>Predecessors</th> <th>Duration</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>-</td> <td>4</td> </tr> <tr> <td>B</td> <td>-</td> <td>12</td> </tr> <tr> <td>C</td> <td>-</td> <td>10</td> </tr> <tr> <td>D</td> <td>A</td> <td>8</td> </tr> <tr> <td>E</td> <td>A</td> <td>6</td> </tr> <tr> <td>F</td> <td>B</td> <td>8</td> </tr> <tr> <td>G</td> <td>C,D</td> <td>10</td> </tr> <tr> <td>H</td> <td>E</td> <td>10</td> </tr> <tr> <td>I</td> <td>G,F</td> <td>8</td> </tr> </tbody> </table>	Activity	Predecessors	Duration	A	-	4	B	-	12	C	-	10	D	A	8	E	A	6	F	B	8	G	C,D	10	H	E	10	I	G,F	8			
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OR

2 a	What is construction Planning? List the objectives of construction planning.	8	L2	CO1																		
b	Explain Work breakdown Structure with neat sketch.	9	L2	CO1																		
c	Draw the network for the project based on the following data of events: Draw the critical path and find out Total Duration.	8	L2	CO1																		
	<table border="1"> <thead> <tr> <th>Event</th> <th>Duration(Days)</th> <th>Predecessors</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>2</td> <td>-</td> </tr> <tr> <td>B</td> <td>4</td> <td>-</td> </tr> <tr> <td>C</td> <td>1</td> <td>A</td> </tr> <tr> <td>D</td> <td>6</td> <td>B</td> </tr> <tr> <td>E</td> <td>7</td> <td>C,D</td> </tr> </tbody> </table>	Event	Duration(Days)	Predecessors	A	2	-	B	4	-	C	1	A	D	6	B	E	7	C,D			
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PART B

3	a	Explain (i) Minimum wages act 1948 (ii) Labour production rate of productivity.	8	L2	CO1
	b	Explain the importance of resource management in the construction of a project.	8	L2	CO1
	c	What are the factors affecting productivity?	9	L2	CO1
OR					
4	a	List out the various classification of the construction equipment and explain any one type of construction equipment.	8	L2	CO1
	b	What are the advantages of utilizing the construction equipments.	9	L2	CO1
	c	Explain material management and objectives of material management.	8	L2	CO1