ISO 9001:2015 Certified Institution
Estd.:2001
Balaji Institute of Technology & Science
Laknepally (V), Narsampet (M), Warangal District - 506 331, Telangana State, India
(AUTONOMOUS)
Accredited by NBA (UG - CE, ME, ECE & CSE) & NAAC A+ Grade
(Affiliated to JNT University, Hyderabad and Approved by AICTE, New Delhi)
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EVALUATION PROCESS: MID-I Examination, JUNE-2022
Course: B.Tech, Branch-CIVIL, Year: II, Semester-II, Section-A
Subject: Building Materials, Construction and Planning
Duration: 60 minutes, Max Marks: 10

Q.No	Questions	Marks	Level of Bloom Taxonomy	CO
1	Explain the properties of requirements of a good building stones.	5	Understanding	CO1
2	What is mean by Seasoning of Timber and Explain methods of Seasoning of Timber?	5	Remembering	CO1
3	Explain manufacturing wet process of Cement with Flow diagram.	5	Understanding	CO2
4	Explain Types of Staircases and Roofs.	5	Applying	CO3

Fig. Sample MID Exam Question Paper with Blooms: R-21

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EVALUATION PROCESS: MID-I EXAMINATION**, April- 2024**
Course: B.Tech**, Year:** II, **Semester**-II
Branch: Civil Engineering
Subject: Structural Analysis-I
Duration: 120 minutes, **Max Marks:** 30

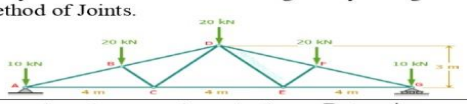
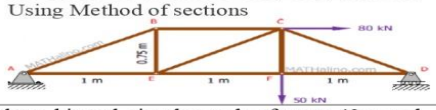
Q. No.	Question	Marks	Level of Bloom Taxonomy	CO
1	Analyse the Truss shown in figure by using Method of Joints. 	05	Analyzing	CO1
2	Analyse the Truss shown in figure. Determine the force in members BC, CE, and EF. Using Method of sections 	05	Analyzing	CO1
3	A three hinged circular arch of span 40m and rise 8m carries a concentrated load of 120KN at a distance of 10m from the left end. Find the reactions at the supports and maximum positive and negative bending moments	05	Applying	CO2
4	Derive the Expression of Strain energy due to Axial load	05	Creating	CO2
5	A three hinged parabolic arch ACB is hinged at the supports A and B which are below the crown hinge C by 3m and 6.75m.The span of the arch is 22.5m.The arch carries an Udl of 30kn/m from A to C .Find the reactions at the supports and maximum positive and negative bending moments	05	Applying	CO2
6	A fixed beam AB of span 8m it carries a point loads of 200KN, 120KN at a distance of 3m, 5m from the left end. Find the fixing moments and the reactions at the supports and also draw B.M.D	05	Applying	CO3

Fig. Sample MID Exam Question Paper: R-22