



Session	Even Semester, AY 2022-23
Program(s)	M. Tech. - Construction Technology and Management [CEC] M. Tech. - Construction Engineering and Management [CET]
Course	<b>CVL 776 - Construction Practices and Equipment</b>
Minor - I	Maximum Marks [Weightage] - 10 Marks [10%]
Tue, 07-Feb-2023	11:00 AM - 12:00 PM [01-Hr.]

### Instructions

- Attempt all questions. Keep your answer(s) brief and relevant.
- *Random (non-contextual) answers may lead to negative marking.*
- Assume any missing data/information suitably, **highlight** your assumptions (if any).

### Questions

Ques. No.	Question Description	Max. Marks
Q. 1 #	List (in order) all six major stages (as per NBC 2016) of any building project and the built facility during its service life. Which part of NBC 2016 lists issues of framework for sustainable construction practice?	2
Q. 2 #	List (all) the sections included in GRIHA v.2019 rating framework. State the differences between major components of life cycle cost of green buildings and conventional buildings.	2
Q. 3 #	Define LOD in the context of BIM. Associate major stages of construction projects with LOD (in the context of BIM).	2
Q. 4 #	Justify whether BIM is a working process or a model/object? Define levels of BIM 'Maturity' in terms of 'Dimensions' (type of available data) and levels (scope) of 'Collaboration and Integration'.	2
Q. 5 #	Demonstrate understanding of following terms with suitable examples (in the context of construction practices): A. Scaffold or Formwork B. Schedule of Rates or Analysis of Rates	2