

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI  
(MID SEMESTER EXAMINATION MO/SP2025)**

**CLASS: BARCH  
BRANCH: ARCHITECTURE**

**SEMESTER : VI<sup>th</sup>  
SESSION : SP/2025**

**SUBJECT: AR353 ARCHITECTURAL CONSERVATION AND HERITAGE MANAGEMENT**

**TIME: 02 Hours**

**FULL MARKS: 25**

**INSTRUCTIONS:**

1. The question paper contains 5 questions each of 5 marks and total 25 marks.
  2. Attempt all questions.
  3. The missing data, if any, may be assumed suitably.
  4. Tables/Data handbook/Graph paper etc., if applicable, will be supplied to the candidates
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Q.1(a)	Define the terms 'Conservation' and 'Cultural property'?	[2]	CO1	BL1
Q.1(b)	Highlight the intervention made for conservation of Jovick Viking Center at York.	[3]	CO1	BL1
Q.2	Present any five 'Degrees of Intervention' with possible examples	[5]	CO1	BL3
Q.3(a)	Comment on 'how' and 'what' do we insert in walls to check rising water in absence of DPC?	[2]	CO2	BL2
Q.3(b)	Review the salient features laid down by Venice Charter and Bombay Heritage Act	[3]	CO2	BL5
Q.4(a)	Comment on the process of 'Efflorescence' and 'Grouting'?	[2]	CO2	BL2
Q.4(b)	Review the process of germination of seeds in buildings leading to crack.	[3]	CO2	BL5
Q.5(a)	Distinguish the causes of damage due to failures of foundation in buildings	[2]	CO2	BL4
Q.5(b)	Build a relation chart to assimilate the causes of decay and damage to cultural property.	[3]	CO2	BL6

:27/02/2025:E