

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

**CLASS: BARCH
BRANCH: ARCHITECTURE**

**SEMESTER : 1ST
SESSION : MO/2024**

SUBJECT: AR101 PRINCIPLE OF ARCHITECTURE

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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			CO	BL
Q.1(a)	Under which act are architects registered and by whom?	[2]	1	remember
Q.1(b)	How does the interdisciplinary nature of the tasks help the students learn architecture?	[3]	1	understand
Q.2(a)	What is architecture?	[2]	1	remember
Q.2(b)	What is the design? How does an architect approach design?	[3]	1	understand
Q.3(a)	Write the difference between proportion and scale.	[2]	2	apply
Q.3(b)	What is colour wheel? Write about a triadic colour scheme with an example.	[3]	2	understand
Q.4(a)	Write all the six biophilic design elements.	[2]	3	remember
Q.4(b)	Discuss at least six designs attributed of the light and space element of biophilic.	[3]	3	remember
Q.5(a)	Mention at least 5 design elements.	[2]	2	remember
Q.5(b)	Briefly describe the two approaches of biomimicry.	[3]	3	understand

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