

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION MO/2023)**

**CLASS: BARCH
BRANCH: ARCHITECTURE**

**SEMESTER : I
SESSION : MO/2023**

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)	What is the Architect's Act? In which year it is formulated.	[2]	A	Remember
Q.1(b)	What is the design process? How architects proceed in design with discussion with their client.	[3]	D	Analyse
Q.2(a)	What is project-based learning in architecture?	[2]	A	Analyse
Q.2(b)	Mention eight ordering principles to make your design complete	[3]	A,B	Remember
Q.3(a)	What is the prime generator of form? Write down the properties of the shape.	[2]	A	Remember
Q.3(b)	Discuss different forms of spatial organisation.	[3]	A,B	Remember
Q.4(a)	What are the elements of design?	[2]	B	Remember
Q.4(b)	Mention the kind of transformation in the following: A sphere transformed to ellipsoidal form by elongating the axis? Physically attaching one or more subordinate forms to its volume?	[3]	B	Apply
Q.5(a)	Write at least four dimensions of biophilic design.	[2]	A,B	Remember
Q.5(b)	How can biophilic design's light and space elements be utilised based on the quality of light?	[3]	A,B	Apply

:::::13/10/2023:::::