

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION MO/SP20**)**

**CLASS: BARCH
BRANCH: ARCHITECTURE**

**SEMESTER : I
SESSION : MO/2022**

TIME: 02 HOURS

SUBJECT: AR101 PRINCIPLES OF ARCHITECTURE

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)	Discuss the design process with the help of a flowchart.	[2]	1	Understand
Q.1(b)	How did Vitruvius, the roman architect, define building?	[3]	1	Remember
Q.2(a)	Who is an architect? Under which Act there are registered as a professional body?	[2]	1	Remember
Q.2(b)	How does the teaching in the architecture curriculum include the complexity and openness to mimic real-world problems?	[3]	2	Apply
Q.3(a)	How do transformation principles help in the design process?	[2]	3	Apply
Q.3(b)	Analyse the difference in ordering principles: Repetition and Rhythm	[3]	2	Analyse
Q.4(a)	Mention at least six ordering principles that help the designer in the design process.	[2]	2	Remember
Q.4(b)	Why did the designer use Dominance as an ordering principle? Mention three types which create it.	[3]	2	Evaluate
Q.5(a)	What is the prime generator of shape? Mention the properties of shape.	[2]	2	Remember
Q.5(b)	How does a designer use a different form of spatial organisation of different forms?	[3]	2	Understand

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