

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION SP/2024)

CLASS: B.ARCH
BRANCH: ARCHITECTURE

SEMESTER : VI
SESSION : SP/2024

SUBJECT: AR351 SPECIFICATION, ESTIMATION AND COSTING

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
-

			CO	BL
Q.1(a)	What is specification?	[2]	1	remember
Q.1(b)	Describe detailed specifications.	[3]	1	understand
Q.2(a)	What happens to tender without earnest money?	[2]	1	apply
Q.2(b)	What are the important points in the tender notice? Mention at least four.	[3]	1	understand
Q.3(a)	What is the actual cost? How does it differ from an estimated cost	[2]	2	remember
Q.3(b)	Compare the revised estimate and supplementary estimate.	[3]	1	analyse
Q.4(a)	Describe the details of the measurement and calculation of quantities.	[2]	1	understand
Q.4(b)	Draw the table of measurement form used in the estimate.	[3]	2	apply
Q.5(a)	Write a formula to calculate the length of a long wall using the individual wall method.	[2]	2	remember
Q.5(b)	Elaborate earthwork is a main item of work in excavation. Mention the unit of calculation of earthwork.	[3]	2	remember

:20/02/2024:M