

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

CLASS: BTECH
BRANCH: ALL

SEMESTER : VITH
SESSION : SP/2023

SUBJECT: IT305 SOFTWARE ENGINEERING

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)	What is principle aim of software engineering. Discuss?	[2]	1 Remembering
Q.1(b)	Describe four essential attributes of good software?	[3]	1 Remembering
Q.2(a)	What are the skills required for software project manager?	[2]	1 Remembering
Q.2(b)	Briefly, discuss various phases of software development life cycle? Explain SDLC. Discuss activities during SDLC?	[3]	1 Remembering
Q.3(a)	Define Planning?	[2]	2 Understanding
Q.3(b)	Diagrammatically illustrate and discuss the iterative waterfall model or prototype model?	[3]	2 Understanding
Q.4(a)	Define coupling and its type?	[2]	2 Understanding
Q.4(b)	How is a SRS document organized into different sections?	[3]	3 Analysing
Q.5(a)	Define Risk and its Types?	[2]	3 Analysing
Q.5(b)	Explain requirement Engineering process?	[3]	3 Analysing

::::::28/02/2023::::::M