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

CLASS: BE SEMESTER: V

BR	ANCH	I: IT	SESSION: MO/2019
SUBJECT : IT5023 SOFTWARE ENGINEERING PRINCIPLES			
TIA	۸E:	1.5 HOURS	FULL MARKS: 25
 INSTRUCTIONS: The total marks of the questions are 30. Candidates may attempt for all 30 marks. In those cases where the marks obtained exceed 25 marks, the excess will be ignored. Before attempting the question paper, be sure that you have got the correct question paper. The missing data, if any, may be assumed suitably. 			
Q1	(a) (b)	State the IEEE definition of Software Engineering. Explain with neat diagram exploratory (build and fix) style of software What is wrong with this style?	[2] e development. [3]
Q2	(a) (b)	v the following: Bath-Tub Curve, Software Curve(ideal and actual). [2] ch principles are deployed by software engineering techniques to overcome human nitive limitations? Indian companies have largely focused on which type of software ects and why?	
Q3	(a) (b)		: methods. [2] [3]
Q4	(a) (b)	List four important properties of good SRS. Why requirement elicitation in Draw a Use Case Diagram for Course Management Software. At the begins semester. (i) Each professor shall register the courses that he is going to teach. (if select up to four-course offerings. (iii)During registration a students can re- catalogue showing course offerings for the semester. (iv) Information abore such as professor, department and prerequisites would be displayed. (v) The system sends information to the billing system so the students can be semester.(vi)For each semester, there is a period of time during whic courses is permitted.(vii) Professors must be able to access the system students signed up for each of their course offerings.	ginning of each [3] i)A student can equest a course out each course The registration e billed for the ch dropping of
Q5		List the category to which the following software risk belong to: Tech Staff turnover, Requirements change and Size underestimate. What is the goal of Software Project Management? List three important ac	
Q6	(a) (b)	Which activity of SDLC spans all the stages of software development? List Create a context diagram and level 1 and 2 of DFD of Airline Reservation	

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