Reg	istra	ation no:												
Tota	al Nu	ımber of Pag	jes: 02	2			I						F	B.TECH PCIT4402
		7 th Se			Ti: Ma	ROJ BRAN me: : ax M		MA IT urs : 70						0114402
Α	nsv	ver Questic	n No	.1 w	•				v an	d a	nv fiv	ve fro	m the	e rest.
		The fig					-		-		-			
Q1	a)	Answer the What is stakeholders	followir ikeholo	ng qu	estions	:							(2	2 x 10)
	b)	What is Cos	t-bene				•		√hat a	are t	he dif	ferent		
	c)	Differentiate software pro	Agile						proce	ess m	nodels	s for a		
	d)	How is CO	•	II di	fferent	and	usefu	ıl ov	er ea	arlier	COC	OMO		
	e)	What are W												
	f)	What do you How is proje		•					_	,	ample	00		
	g) h)	What is RAC							: Giv	C CX	ampie			
	i) j)	What is ego How is softy projects?	less pr	ogran	nming?	Wha	t adv	antag						
Q2	a)	Explain the steps of project planning and the activities of at each step.							carrie	ed out		(5)		
	b)	What metho	ds are											(5)
Q3	a)	What is discounted cash flow? Explain the disadvantages of ROI and Payback Period for project evaluation, and in what way NPV is more suitable for project selection.										(5)		
	b)	Based on the which project Payback Pe	e proje ct shou	ct cas uld be	sh flow select	s in th		_						(5)

	Project A	Project B
Year 0	-1000,000	-150,000
Year 1	200,000	25,000
Year 2	300,000	50,000
Year 3	400,000	75,000
Year 4	500,000	75,000
Year 5	500,000	50,000

How are contracts categorized? Why is it necessary to have a contract for software projects? Explain the different stages in the contract placement. (10)

Q5 a) Create a precedence activity network using the following details. Compute the early and late start and end dates of the activities and the associated float. Based on this identify the critical path of the project.

(5)

Activity	Depends on	Duration (Days)
Α	-	5
В	Α	7
С	В	6
D	Α	5
E	D	10
F	В	15
G	В	8
Н	G	8
1	С	4
J	G	4
K	E,F	5
L	I,H	3

b) Explain the Oldham-Hackman job characteristics model for motivation at work. What action can the software project manager take to improve team motivation? (5)

- **Q6 a)** Explain the different project progress visualization techniques used for project monitoring. (5)
 - b) A project is to be completed in one year at the cost of Rs.120,000. After six months it is found that 40% of the project is complete at a cost of Rs.50,000. Assess the project with respect to cost and schedule performance. Compute the revised estimate at completion (EAC) and time estimate at completion (TEAC).
- Q7 a) Explain different types of team structures with advantages and suitability for different types of projects. (5)
 - **b)** What are the quality characteristics of software product defined under the ISO 9126 standard? (5)

Q8 Write short notes on any two: (5 x 2)

- a) Xtreme Programming
- b) Caper Jones Rules of Thumb
- c) PERT
- d) SEI CMM