

**Bharati Vidyapeeth
(Deemed to be University), Pune
School of Distance Education**

Name of the Assignment Setter:		Dr. Ramchandra V. Mahadik			
Course:	2019	Class:	MCA	Semester:	V
Subject: Software Project Management					
Q.1)	Attempt ANY ONE of the Following (1000 Words)				(10)
a)	<ul style="list-style-type: none"> Draw the activity network diagram and find EST, EFT, LST and LFT. Also find the critical path. 				
	Activity	Predecessor		Duration (Weeks)	
	A	--		5	
	B	--		7	
	C	A		6	
	D	B		5	
	E	B		4	
	F	D,E		8	
	G	C,F		8	
	H	D		6	
	I	G,H		3	
b)	Explain the elements of risk management.				
Q.2)	Attempt ANY TWO of the Following (800 Words)				(12)
a)	Define project. Describe how software projects are different than other types of projects.				

	b)	Discuss various ISO standards in detail.	
	c)	Explain various team structures. Give its advantages and disadvantages.	
	d)	Project A is to be 45,000 DSI semi-detached software. It is in a mission critical area, so the reliability is high (RELY=high=1.15). Using intermediate COCOMO model. calculate effort, schedule, productivity and average staffing.	
Q.3)	Write Short Notes on (ANY TWO)		(08)
	a)	Factors affecting cost estimation	
	b)	Software measures	
	c)	PMBOK	
	d)	Gantt Chart	
