Bapatla Engineering College::Bapatla

DEPARTMENT OF INFORMATION TECHNOLOGY
MID TERM EXAMINATION - II

Class	B.Tech, III/IV Year, Honours	**Duration**	90 Minutes
Subject	Software Project Management (20ITH6I)	**Max. Marks**	35 Marks

Answer ALL Questions (7*1=7M)

1	a.	Quote any two out of the seventeen authors of the Agile manifesto.	L1	CO4	1M
	b.	Reframe Product, Sprint, Daily, Portfolio and Release in the order.	L5	CO4	1M
	c.	Cite the empirical process? Explain its elements.	L1	CO4	1M
	d.	Identify the scrum ceremony where the team members self-select the stories/tasks which they will complete during the sprint?	L2	CO5	1M
	e.	What is an user story? Write an example with Acceptance criteria.	L6	CO2	1M
	f.	Describe INVEST with respect to User stories?	L1	CO2	1M
	g.	Contrast Capacity vs Velocity and Burndown vs Burnup charts.	L4	CO5	1M

Answer ANY ONE Question from each Unit (2*14=28M)

UNIT-I

2	a.	As a Project Manager, how would you respond to Mr. Michael, the COO of McKinsey Inc., who emailed you regarding their need to implement a business idea aimed at creating a news aggregator app? Please collaborate your recommendations for the appropriate methodology to be used and provide justification for your choice.	L6	CO3	7M
	b.	What is the Agile Manifesto? Summarize the values and principles.	L2	CO4	7M

(OR)

3	a.	As a Project Manager, how would you respond to Ms. Rachel, the Business Owner of Comcast LLC, who emailed you regarding their need to transition the development methodology of their ongoing HRM Application project from waterfall to Agile? Please collaborate recommendations for the migration process and outline the associated Pros and Cons.	L6	CO3	7M
	b.	Appraise the utilization of OKRs (Objectives and Key Results) and KPIs (Key Performance Indicators) for assessing the performance of the Scrum team with examples.	L5	CO5	7M

UNIT-II

4	a.	Appraise the time boxing and why it is important in Scrum? Write a matrix containing the timeboxing for all scrum ceremonies for 1 week, 2 weeks, 3 weeks and 4 weeks sprints respectively.	L5	CO5	7M
	b.	Interpret Sprint Retrospective entail? Please cite the objectives, required inputs, and the responsibilities associated with each Scrum role during the Sprint Retrospective meeting.	L2	CO5	7M

(OR)

5	a.	What do Scrum Roles encompass? Classify the general responsibilities associated with each role.	L2	CO5	7M
	b.	What does the Sprint Review involve? Cite the objectives, essential inputs, and the responsibilities attributed to each Scrum role during the Sprint Review.	L2	CO5	7M