Total No. c	of Ones	etions • 51	EATE No.				
Total No. of Questions : 5]		suous : 5]	EAT No.:				
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		[6120]-107	od Hanag				
F.Y. M.C.A. (Management)							
IT 22 . COETWADE DOOIECT MANAGEMENT							
(2020 Pattern) (Semester - II)							
Time: 21/2		Land C.	[Max. Marks: 50				
Instruction	" Sun	ie candidates :	·Co·				
1)		vestions are compulsory.	~^				
2)		neat labeled diagram whenever necessary.	200				
3)	Basic	Calculator is allowed.	3				
	10						
<b>Q</b> 1) a)		out the five software projects risks & explain					
	tnos	e risks.	[6]				
b)	Expl	ain Agile project management life cycle.	[4]				
a)	are 1 5500 proj with enst	ultinational company working on the shop using number of expensive and licenced so 0 team members are sharing these tools. You ect manager to ensure that a project finishe in the required scope of work & within the re- are that throughout this process all the stal- nt, are satisfied with the project results.	oftware tools. More than ou have been deputed as s with in original budget, equired time scales and to keholders, especially the				
	Prep	pare the risk management process based on	below points.				
·X	i)	Risk Identification					
O'	ii)	Pare the risk management process based on Risk Identification Risk Analysis Risk Mitigation Plain Agile Tools.	00,				
	iii)	Risk Mitigation					
b)	Exp	olain Agile Tools.					
		9.	P.T.O.				

() 2) a)	Demonstrate value driven development with suitable example.	[6]
Q2) a)	Explain release planning & iteration (Sprint) planning in brief.	[4]
b)		
	QR	
a)	Consider the project with following. Functional unit.	
	i) Number of User inputs = 50	
	ii) Number of User outputs = 30	~
	iii) Number of User enquiries = 25	
	iv) Number of User files = 04	Ų.
	v) Number of External interfaces = 04	
	In addition to above, system requires.	
	i) Significant data communication (4)	
	ii) Performance is very critical (5)	
	iii) Designed code may be moderately reusable (2)	
	iv) System is not designed for multiple installation (0)	raiget
	Other complexity factors are Average compute function point for pr	roject.
<b>b</b> )	Describe project and its characteristics.	
		4.4.a.m
<b>Q3</b> ) a)	A project of 200 KLOC is to be developed, software development has average experience on similar type of projects. The project sc	hednle
	Coloritate the effect development unit, average	ورعست
	size of the project by using semi-detached mode of cocomo mode	
b	Explain the 4g's of project management.	[4]
	OR O	
	Scenario: User wants to request cash from his her account at any	y ATM.
<b>-</b> X	<ul> <li>i) Write user story for the scenario above</li> <li>ii) Write an acceptance criteria for the user stay in Given/Who</li> </ul>	
<b>O</b> `	ii) Write an acceptance criteria for the user stay in Given/Who	en/Then
	format.	
	b) Explain planning poker story point estimation technique.	
	Management & Eg.	
1/1/	201 107	
[61]	20]-107 2 (JBRARY)	ieu o
	18. 10.00 # Mandage	7

Suppose that a project was estimated to be 400 KLOC. Calculate the effect and development time for all 3 mode i.e. organic, semidetached, and embedded.

Software Project   a <sub>b</sub>	b <sub>b</sub>	C <sub>b</sub>	d <sub>b</sub>
Organic 2.4	1.05	2.5	0.38
Semidetached 3	1.12	2.5	0.35
Embedded 3.6	1.2	2.5	0.32

Explain product Backlog and Sprint Backlog in brief.

OR

- Explain the four values of Agile Manifesto with it's meaning. a)
- How to facilitate retrospective process in agile management with suitable b) example?
- Avadhoot Developers which is the large construction organization in real Q5) a) estate construction business, decided to develop ERP through ACC software Ltd. The output of the system will be cost sheets detailing the relevant information for contracting, budgeting, progress monitoring & bill payment. ACC software Ltd team has no domain knowledge and have less experienced staff members. You as a project manager have been asked to identify risk involved in it and propose solution to mitigate these risks.

What are the components of function point analysis? b)

OR

Explain the role of project manager and his responsibilities. Write short note on github.  $\nabla \nabla \nabla \nabla$ 

b)



