

Q1.	Choose the correct option for following questions. All the Questions are compulsory and carry equal marks
1.	Which is not the content of the RFP ?
Option A:	Statement of work and proposal requirements
Option B:	Contractual provisions
Option C:	Time and line chart
Option D:	Technical information and data
2.	As per revised PMI guidelines WBS should be
Option A:	Fixed
Option B:	Flexible
Option C:	Temporary
Option D:	Unstructured
3.	In which of the following situations a prototyping model of software development is used
Option A:	When requirements are not clear to Project Team
Option B:	Projects with large project teams
Option C:	Risk is involved in project
Option D:	When project team repeats any project
4.	Information hiding does not
Option A:	encourage the use of global data
Option B:	reduce the likelihood of side effects
Option C:	emphasize communication through controlled interfaces
Option D:	limit the global impact of local design decisions
5.	Refactoring refers to
Option A:	Code rebuild
Option B:	Modification to internal design
Option C:	Component reusability
Option D:	Encapsulation
6.	In unit testing if the called/child module is not ready then a dummy model acts as a child module. This dummy module is referred as
Option A:	Driver
Option B:	Stub
Option C:	Reference
Option D:	Sample
7.	Which is correct about AOA
Option A:	arrow represent activity and node represent event
Option B:	arrow represent event and node represent activity
Option C:	arrow represent dependency and node represent event
Option D:	arrow represent flow and node represent estimate

8.	The project charter is :
Option A:	The deliverable for the third phase of the IT project methodology
Option B:	The deliverable for the fourth phase of the IT project methodology
Option C:	The deliverable for the first phase of the IT project methodology
Option D:	The deliverable for the second phase of the IT project methodology
9.	Set of activities developed to manage change throughout the life cycle of computer software are
Option A:	Software maintenance management
Option B:	Software testing
Option C:	Software life cycle management
Option D:	Software configuration management
10.	Which one of the following represents the correct sequence of Scope management process.
Option A:	Scope planning, definition, verification, change control and planning
Option B:	Scope verification, initiation, planning, definition and change control
Option C:	Scope initiation, planning, definition, verification and change control
Option D:	Scope change control, verification, initiation, planning and definition

Q 2	Solve any Four out of Six	5 marks each																		
A	Describe in brief Call and Return Software Architecture.																			
B	Explain association between project life cycle and software development life cycle.																			
C	Differentiate between alpha and beta testing.																			
D	Write note on Collaborative requirements gathering process																			
E	Define risk and IT project risk management process.																			
F	Draw activity on node and activity on arrow diagram based on following project activities and their inter relationships as shown in following table.																			
	<table><tr><th>Activity</th><th>Predecessor Activities</th></tr><tr><td>A</td><td>—</td></tr><tr><td>B</td><td>—</td></tr><tr><td>C</td><td>A</td></tr><tr><td>D</td><td>A, B</td></tr><tr><td>E</td><td>C</td></tr><tr><td>F</td><td>C</td></tr><tr><td>G</td><td>D, E</td></tr><tr><td>H</td><td>F, G</td></tr></table>	Activity	Predecessor Activities	A	—	B	—	C	A	D	A, B	E	C	F	C	G	D, E	H	F, G	
	Activity	Predecessor Activities																		
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H	F, G																			

Q 3	Solve any Two Questions out of Three	10 marks each
A	What is Agile methodology ? Explain SCURM.	
B	Explain Mc Call's Quality factors	
C	Explain in detail 4 P's of project management	

Q 4		
A	Solve any Two	5 marks each
i.	What are advantages of including milestones in WBS	
ii.	Draw a complete use case for buying a ticket for an event using an Online Booking Site.	
iii.	Compare PERT and CPM	
B	Solve any One	10 marks each
i.	Write a note on the SCM process. explain how change and version control are carried out in SCM.	
ii.	What is a Business case? State the steps in developing the business case.	