

These are sample MCQs to indicate pattern, may or may not appear in examination

University of Mumbai
Online Examination 2020

Program: BE Computer Engineering

Curriculum Scheme: Revised 2012

Examination: Final Year Semester VII

Course Code: CPE7024 and Course Name: Software Architecture

Time: 1hour

Max. Marks: 50

Note to the students:- All the Questions are compulsory and carry equal marks .

Q1.	of compartmentalizing the elements of an abstraction that constitute its structure and behavior
Option A:	Hierarchy
Option B:	Encapsulation
Option C:	Modularity
Option D:	Entity Abstraction

Q2.	To which software category does Knowledge based system belongs?
Option A:	System software
Option B:	Real time software
Option C:	Embedded software
Option D:	Artificial Intelligent software.

Q3.	What the customer wants to achieve.restates the requirements as a specification of how
Option A:	Requirements specification, Requirements definition
Option B:	Requirements definition, Requirements specification
Option C:	Requirements document, Requirements specification
Option D:	Requirements definition, Requirements elicitation

Q4.	RUP stands for _____ created by a division of _____
Option A:	Rational Unified Program, IBM
Option B:	Rational Unified Process, Infosys
Option C:	Rational Unified Process, Microsoft
Option D:	Rational Unified Process, IBM

Q5.	Which among the following is used to create concurrent, event-driven server programs
Option A:	Threads
Option B:	Semaphores
Option C:	Binary Large Objects
Option D:	Inter-process Communications

Q6.	Which of the following perspective in system modelling shows the system or data architecture
Option A:	Data perspective
Option B:	External perspective
Option C:	Behavioral perspective
Option D:	Structural perspective

Q7.	Which is the best quality factor for any software architecture according to developers point of view?
Option A:	scalability
Option B:	usability
Option C:	reusability
Option D:	reliability

Q8.	Which of the following does not refer to middleware?
Option A:	COM
Option B:	Java
Option C:	DCOM
Option D:	CORBA

Q9.	Peer-to-peer (P2P) networks are formed for
Option A:	Manual file sharing
Option B:	Distributed file sharing
Option C:	Cloud file sharing
Option D:	Connected file sharing

Q10.	The style of Messaging Remote Procedure Call is
Option A:	Queued
Option B:	Call-Return
Option C:	Synchronized
Option D:	Waited

Q11.	Which of the following is not used as architectural style?
Option A:	Model-View-Controller
Option B:	Layered Architecture
Option C:	Client-server
Option D:	Enterprise-based

Q12.	Which of the following is the best type of module cohesion?
Option A:	Functional Cohesion
Option B:	Temporal Cohesion
Option C:	Sequential Cohesion
Option D:	Logical cohesion

Q13.	Which one of the following is not a software process quality?
Option A:	Productivity
Option B:	Portability
Option C:	Timeliness
Option D:	Visibility

Q14.	Which one of the following is not an application of embedded software
Option A:	Anti-lock braking systems found in automobiles.
Option B:	Fly-by-wire control systems found in aircraft.
Option C:	Motion detection systems in security cameras.

Option D:	pattern recognition in game playing
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Q15.	the following activity which helps team member to manage and control progress, quality, ch
Option A:	Reusability management
Option B:	Risk management
Option C:	Measurement
Option D:	User Reviews

Q16.	e are encountered during the support phase.Which one of the following is not one that falls
Option A:	Translation
Option B:	Correction
Option C:	Adaptation
Option D:	Prevention

Q17.	Legacy software must be re-architected to make it viable within a
Option A:	Embedded environment
Option B:	Control environment
Option C:	Network environment
Option D:	Instrumental environment

Q18.	Find out solution technology from following for Service oriented computing.
Option A:	Interoperability
Option B:	Publish-find-bind
Option C:	BPMN
Option D:	XML

Q19.	II. External entities should be identified clearly at all levels of DFDs.III. Control information should not be represent
Option A:	II and III
Option B:	I and II
Option C:	I and III
Option D:	I, II and III

Q20.	The architectural elements of product engineering are..
Option A:	Data,Hardware,Software,People
Option B:	Data,Hardware,Software, Documentation
Option C:	Data,Hardware,Software,Procedures
Option D:	Documentation,Hardware,Software,Procedures

Q21.	ot wear-out in the traditional sense of the term, but software does tend to deteriorate as it e
Option A:	Software suffers from exposure to hostile environments.
Option B:	Defects are more likely to arise after software has been used often.
Option C:	Multiple change requests introduce errors in component interactions.
Option D:	Software spare parts become harder to order.

Q22.	Which of the following statements about ERP system is true ?
Option A:	Most ERP software implementations fully achieve seamless integration.
Option B:	ons of separate applications for manufacturing, materials, resource planning, general ledger

Option C:	Integration of ERP systems can be achieved in only one way.
Option D:	uniformly throughout an enterprise is likely to contain very flexible connections to allow ch

Q23.	structure or structures of the system, which comprise software components, the externally visi
Option A:	Design
Option B:	Architecture
Option C:	Process
Option D:	Requirement

Q24.	RPC provides a(an) _____ on the client side, a separate one for each remote procedure.
Option A:	stub
Option B:	identifier
Option C:	name
Option D:	process identifier

Q25.	Which of the following describes the Adapter pattern correctly?
Option A:	This pattern builds a complex object using simple objects and using a step by step approach.
Option B:	This pattern refers to creating duplicate object while keeping performance in mind.
Option C:	This pattern works as a bridge between two incompatible interfaces.
Option D:	ed when we need to decouple an abstraction from its implementation so that the two can va