

Scheme	R2012
Semester	VII
Course Code	CPE7024
Course Name	Software Architecture

Question No.	Question	a	b	c	d
1	What factors does a software architecture results in?	technical	Design	Requirements	Relationship
2	Architecture based process includes which of the following?	Creating the business case for the system	Understanding the requirements	Analyzing or valuating the architecture	all above
3	What type of class relationship can be read as "Object A contains Object B and Ob	Generalization	specialization	none	aggregation
4	Which architectural style would you prefer from the following:	pipe and filter	broker	model view controller	blackboard
5	The main technique for achieving portable software	None	is to have independent platf	is to increase the overall per	. is to isolate system dependency
6	In a distributed system when two remote components exchange data, who is resp	bridge	client stub	skeleton	broker
7	Which of the following is Aggregation	Expresses a part-of relationship and is a stronger form of an association relationship	Expresses an is-a relationship and is a stronger form of an association relationship	Expresses a part-of relationship and is a weaker form of an association relationship	Expresses an is-a relationship and is a weaker form of an association relationship
8	The concepts of push/pull type of pipelines are used in ...	Broker Architectural Style	Pipe-and-Filter Architectural Style	Layered Architectural Style	MVC Architectural Style
9	Which diagram shows the configuration of run-time processing elements of the system?	Deployment Diagram	Class Diagram	Component Diagram	ER Diagram
10	Writing an exception handling code in any GUI application is an example of.	Fault Prevention	Preventing Ripple effect	Fault Recovery	Fault Detection
11	System's ability to continuously provide correct service without any failure, is called	Performance	Reliability	Security	Availability
12	Layered architecture style is best suited to develop the software applications which require	The components to be easily replaceable program in High-level language kept on disk	The high security of its data contents	The performance quality as a dominant factor	Information separating as a dominant factor
13	Process is		contents of main memory for efficient access to	job in secondary memory	specialized program
14	Register renaming is done in pipelined processors	as an alternative to register allocation at compile time before effective address calculation has started	function parameters and local variables during effective address calculation	to handle certain kinds of hazards after effective address calculation has completed	as part of address translation after data cache lookup has completed
15	In an instruction execution pipeline, the earliest that the data TLB (Translation Lookaside B				
16	Which of the following is not a type of operating systems?	Batch Processing	Multiprogramming	Latch Programming	Real-time
17	overview is known as	Computer Anatomy	Computer Architecture	Computer OS	Computer interface
18	The CPU-Memory speed disparity is known as	Instruction Format	Von-Neumann bottleneck	Temporal Locality	Harvard Computer
19	addresses is called	straight line sequencing	Instruction execution	instruction cycle	Instruction fetch
20	storage locations called	Decoders	Buffers	Demultiplexer	registers
21	program always deal with	logical address	absolute address	physical address	relative address
22	a file is corrected immediately after input of transaction is an example of	sorting	batching	online updating	offline updating
23	I/O processor has direct access to ?	Main Memory	Secondary Memory	Flash Memory	ROM
24	The address mapping is done, when the program is initially loaded is called	Relocation	Dynamic relocation	Static relocation	Executable relocation
25	What is meaning of IOP ?	Input output processor	Input output product	Input output producer	Input output processing