

NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY, THENI.

Course/Branch : BE/CSE	Year / Semester : III/ V	Format No.	NAC/TLP-07a.13
Subject Code : CS8592	Subject Name : Object Oriented Analysis & Design	Rev. No.	02
Unit No : 2	Unit Name : Static UML Diagrams	Date	30.09.2020

OBJECTIVE TYPE QUESTION BANK

S. No.	Objective Questions (MCQ /True or False / Fill up with Choices)	BTL
1	What does a simple name in UML Class and objects consists of? a) Letters b) Digits c) Punctuation Characters d) All of the mentioned	L2
2	What Does a Composite name consists of in a UML Class and object diagram? a) Delimiter b) Simple names c) Digits d) All of the mentioned	L2
3	A Class consists of which of these abstractions? a) Set of the objects b) b, c c) Attributes d) All of the mentioned e) Operations	L4
4	A class is divided into which of these compartments ? a) Name Compartment b) Attribute Compartment c) Operation Compartment d) All of the mentioned	L5
5	An attribute is a data item held by which of the following ? a) Class b) Object c) All of the mentioned d) None of the mentioned	L1
6	What should be mentioned as attributes for conceptual modelling ? a) Initial Values b) Names c) None of the mentioned d) All of the mentioned	L4
7	An operation can be described as? a) Object behavior b) Class behavior c) Functions d) a,b	L5
8	Which of these are part of class operation specification format ? a) name b) parameter list c) return-type list d) All of the mentioned	L1

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9	What among these is true ? a) Associations may also correspond to relation between instances of three or more classes b) Association lines may be unlabeled or they may show association name c) All of the mentioned d) None of the mentioned	L2
10	What is multiplicity for an association? a) The multiplicity at the target class end of an association is the number of instances that can be associated with a single instance of source class b) The multiplicity at the target class end of an association is the number of instances that can be associated with a number instance of source class c) All of the mentioned d) None of the mentioned	L4
11	Which among these are the rules to be considered to form Class diagrams? a) Class symbols must have at least a name compartment b) Compartment can be in random order c) Attributes and operations can be listed at any suitable place d) None of the mentioned	L5
12	Which of these are the heuristics ? a) Name classes, attributes, and roles with noun phrases b) Name operations and associations with verb phrases c) Stick to binary associations d) All of the mentioned	L4
13	An object symbol is divided into what parts ? a) Top compartment b) Bottom Compartment c) All of the mentioned d) None of the mentioned	L5
14	What is UML? a) UML is Unified Modeling Language. b) Graphical language for visualizing artifacts of the system. c) Allow to create a blue print of all the aspects of the system.	L1
15	The constraints can be applied to the association relationship. A. All of the mentioned B. {ordered}. C. {changeable} D. {implicit}	L5
16	Reflexive association states that a ??? can be present within the objects of the same class. A. Object B. link or a connection C. Attributes D. Functions	L1
17	Composite aggregation is a subtype of aggregation relation with characteristics as A. It is a two-way association between the objects. B. It is a whole/part relationship	L5

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	C. If a composite is deleted, all other parts associated with it are deleted. D. All of the above.	
18	Diagrams in unified modified language which are used to test class diagrams for accuracy purpose are called a) deployment diagrams b) component diagrams c) object diagrams d) package diagrams	L4
19	In Unified Modeling Language, diagrams which captures system static structure and provide foundation for other models is called a) deployment diagrams b) class diagrams c) component diagrams d) object diagrams	L5
20	In Unified Modeling Language, diagrams that organize system elements into groups are classified as a) package diagrams b) organized diagram c) system diagrams d) class diagrams	L1
21	In component diagrams, building block which is represented with two rectangles laid on left side is classified as a) type of components b) interfaces c) dependency relationships	L5
22	Which among the following are not the valid notations for package and component diagram? a) Notes b) Box c) Extension Mechanisms d) Packages	L1
23	Which of the following is false? a) A note is a dog-eared box connected to any model element by a dashed line b) The main way to extend UML is by constraints, properties, etc c) A dependency holds between two entities D and I where change in I does not affect d) All of the mentioned	L2
24	Which of these depicts the true definition for the UML extensions? a) A constraint is the statement that must be true of the entities designated by one or more model elements b) A property is a characteristic of the entity designated by a model element c) A stereotype is a UML model element given more specific meaning d) All of the mentioned	L3
25	Which of the following is incorrect in reference to dependency? a) Module D uses module I when a correct version of I must be present for D to work correctly	L5

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	b) Module D depends for compilation on module I c) Class I imports elements from package D d) None of the mentioned	
26	What is collection of model elements called? a) Box b) Dependency c) UML packages d) Package members	
27	What are the types of prototypes? a) Horizontal prototypes b) Vertical Prototypes c) All of the mentioned d) None of the mentioned	
28	A package diagram consists of the following? a) Package symbols b) a, b c) Interface d) All of the mentioned e) Groupings of Usecases, classes, components	
29	What types of units does Component follow? a) Modular Unit b) Replaceable Unit c) Unit with well defined interface d) All of the mentioned	
30	Components can be represented by which of the following? a) Component symbols b) Stereotypes c) Rectangular boxes d) a, b e) a, c	