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**DEPARTMENT OF BBA[COMPUTER APPLICATION]**

Question Bank

Name of Subject –OOSE

1) What is realization?

2) What is interface?

3) What is the use of section 4 in SRS format?

4) Define forking.

5) List any two advantages and disadvantages of prototyping model.

6) Define Generalization.

7) Write down the purpose of the object diagram.

8) Explain visibility modes along with well labelled diagram.

9) Draw component diagram for online shopping.

10) Describe the coad and yourdon method in detail.

11) What is use cases? State include and extend relationship among use cases

with sample.

12) How to identify the element of an object model.

13) What is package? Explain it with import and export stereotypes.

14) Define Relationship. Explain different kinds of relationship.

15) Define UML. What are the goals of UML?

16) Define Up phases with the help of diagram.

17) Explain generic components of the object oriented design model.

18) Draw a collaboration diagram for ATM system.

19) What is meant by Object Oriented Analysis?

20) Define sequence diagram. Explain sequence diagrams notations.

21) Write short note on Type and Roles.

22) Define the following terms :Link

23) Define the following terms :State.

24) Define the following terms :Branching.

25) Define the following terms :Note.

26)Railway reservation system is a system used for booking tickets over internet.

Any customer can book tickets for different trains. Customer can book a

ticket only if the tickets are available. Customer searches for available ticket

then if the tickets are available he books the tickets by initially filling details in

a form. Tickets can be booked in two ways by i-ticket or by e-ticket booking.

In case of i-ticket booking customer can book the tickets online and the

ticket are couriered to particular customer at their address.

But in case of e-ticket booking and cancelling tickets are booked and

cancelled online sitting at the home and customer himself has to take print of

the ticket but in both the cases amount for ticket are deducted from customers

account.

For the cancellation of ticket the customer has to go at reservation office

& fill form and ask the clerk to cancel the ticket and refund the amount.

After booking ticket the customer has to checkout by paying fare amount

to clerk.

Consider above situation. Draw the following UMLdiagram.

27) Use case diagram.

28) Class diagram.

29) Sequence diagram.

30) List any two advantages and disadvantages of waterfall model.

31) What is the use of section 9 in SRS format.

32) Define Role Names.

33) What is meant by Inception.

34) Define forking.

35) What is realization.

36) List the types of inheritance.

37) Describe the coad and yourdon method in detail.

38) Draw a collaboration diagram for ATM system.

39) Explain UML architecture.

40) What is object orientation? State various reasons for why object

orientation.

41) What is class diagram. Explain with Notations

42) Draw the deployment diagram for railway reservation system.

43) What is meant by Iterative development state it's various advantages.

44) Define sequence diagram. Explain different kind of it's notations.

45) What is association. Explain any two terms in association.

46) Define the following terms: Transition

47) Define the following terms: Concurrency

48) Define the following terms: Actor

49) Define the following terms: Navigation.

50) Explain generalization relationship along with stereotype.

51) Write short note on Type and Roles.

52) Explain understanding requirement of object oriented analysis.

53) Explain which diagrams are called as on interaction diagram. Explain

with example.

54) What is package? Explain it with import and export stereotypes.

55) Construct a design element for point of the sale terminal management

system that can be used for buying and selling of goods in the retail

shop. When the customer arrives at the post check point with the items

to purchase, the cashier records each item price and add the item

information to the running sales transaction. The description and price

of the current items are displayed. On completion of the item entry the

cashier informs the sales totals and tax to the customer. The customer

chooses payment type (cash, cheque, credit/debit) After the payment is

made the system generates a receipt and automatically updates the

inventory, the cashier handovers the receipt to the customer.

Consider above situation draw the following UML diagram.

i) Use case diagram.

ii) Activity diagram.

iii) Class diagram.