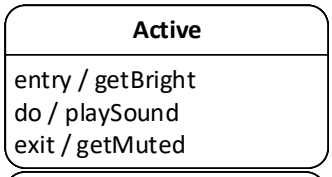
TSP	: BAZL	Date	: 09-Jul-17
Module	: III	Duration	: 10 min
Batch	ESAD-CS/BAZL-M/32/01	Total Marks	: 10

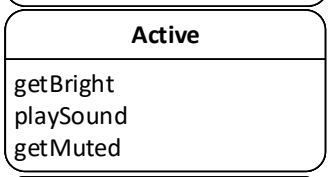
Trainee Name : _____ Trainee ID : _____ Marks Rewarded: ___

Q1. When an object enters into Active state, it triggers getBright(), While the object remains in the Menu Visible state, the activity causes a sound clip to be played, and when object exists the state triggers getMuted().
Which statechart is the correct for the scenario?

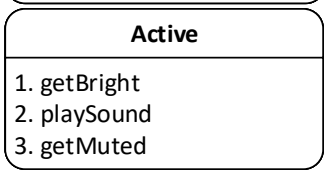
A.



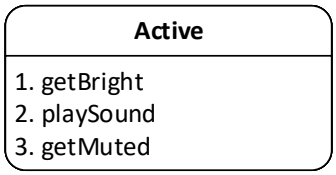
B.



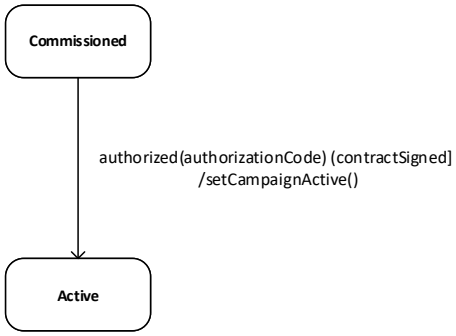
C.



D.



Look at the state transition. Q2 & Q3 are based on the state transition.



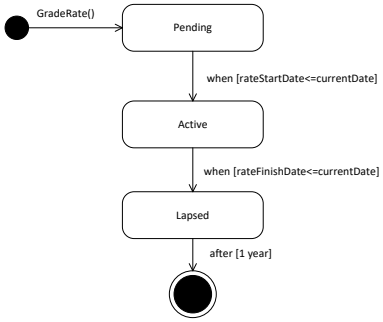
Q2. What type of event triggers the transition?

A. Change event
B. Time elapsed event
C. Call event
D. Composite event

Q3. Which one is the event trigger?

A. authorized(authorizationCode)
B. [contract Signed]
C. setCampaignActive( )
D. Active

Look at the following state chart.

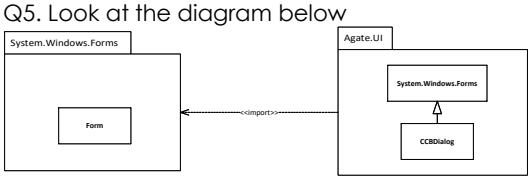


Q4. In the above state chart, which one is elapsed-time event?

A. GradeRate()
B. when [rateStartDate<=currentDate]

C. when [rateFinishDate<=currentDate]
D. after [1 year]

Q5. Look at the diagram below



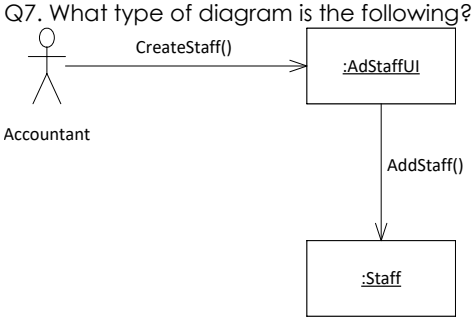
The diagram above shows _____.

A. class dependency
B. class association
C. package dependency
D. deployment architecture

Q6. The Bank account class have an operation named credit that is passed to the amount being credited and the operation has a Boolean return value. Which one valid operation signature of the operation?

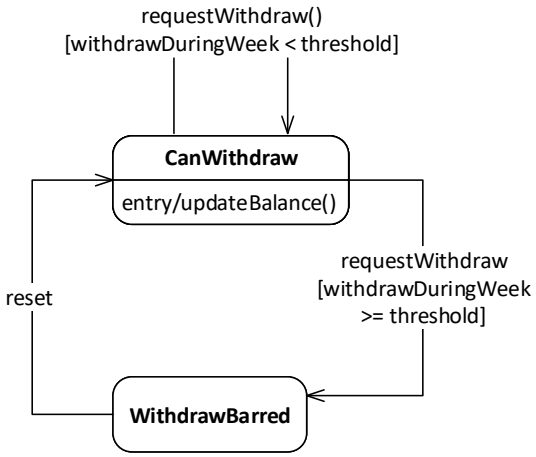
A. Boolean credit (Money amount)
B. credit (amount as Money) returns Boolean
C. credit (amount: Money): Boolean
D. Boolean: credit (amount: Money)

Q7. What type of diagram is the following?



A. Activity diagram
B. Sequence diagram
C. Collaboration diagram
D. State chart

Q8, Q9 & Q10 are based on the following diagram



Q8. What type of diagram is it?

A. Activity diagram
B. Sequence diagram
C. Collaboration diagram
D. State chart

Q9. Here WithdrawBarred is a _____.

A. State
B. Event
C. Signal
D. Action

Q10. What does 'entry/updateBalance()' mean in diagram?

A. updateBlanace() event causes the transition to the CanWithdraw state
B. updateBlanace() action is performed on entering the CanWithdraw state
C. updateBlanace() action is performed continuously during the span of while object is in the CanWithdraw state
D. updateBlanace() event causes the transition from CanWithdraw state to WithdrawBarred state