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SEMESTER : 6th

Course name: Software design and architecture

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Question No:01

MCQs: ANS

- 1.(d)
- 2.(d)
- 3.(c)
- 4.(d)
- 5.(d)
- 6.(d)
- 7.(b)
- 8.(a)
- 9.(b)
- 10.(b)
- 11.(d)
- 12.(c)
- 13.(a)
- 14.(d)
- 15.(c)

Question No :2

ANS a: Funtionality of Fire Alarm System.

- 1.smoke detector and fire alarm system.
- 2. Alarm system flash message to system.
- **3.**Fire alarm system determine the location.

4.computer which can received alert message which is reported.

5.Fire fighter personnel which can handle the situation.

Question No :2

c) Give a process view of the above scenario using an activity diagram. ANS:

Activity	Diagram
Smoke detector	
Reported NO	1
Yes" Fire darmsystem	>[flash alarm messaze]
determine location	(Computer con sale)
Sound the alarm neighboursing locat	[Pive condition succeptly hands] [Console round the clock]
	Tresetting alaxam by fire fighting personnel.
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b) Describe how the user employs the system and how the system provides services to the users i.e. give a scenario view using use case diagram. ANS:

Use Case Diagram (Fire condition reported) (Smoke deetector) (determine the Location) (Sound Alarm neighbaring) <Fire alarm> (Flash allow messaje on consete (condition Sweenfully handle) fire tighter personnel (Console round the clock) (Resetting the alarms)