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Q1:- MCQS

1:- d) Scenario based elements.

2:- d) both a and b.

3:- c) both a and b.

4:- d) a, b and c.

5:- d) b and c.

6:- d) All of the above.

7:- b) false

8:- a) True.

9:- b) that its component can be easily reused in the development of
other software systems.

10:- b) focuses on just one thing.

11:- d) measures the interconnection among modules in a software
Structure.

12:- c) is inaccessible to other modules.

13:- a) process lots of data.

14:- d) uses mathematical notation.

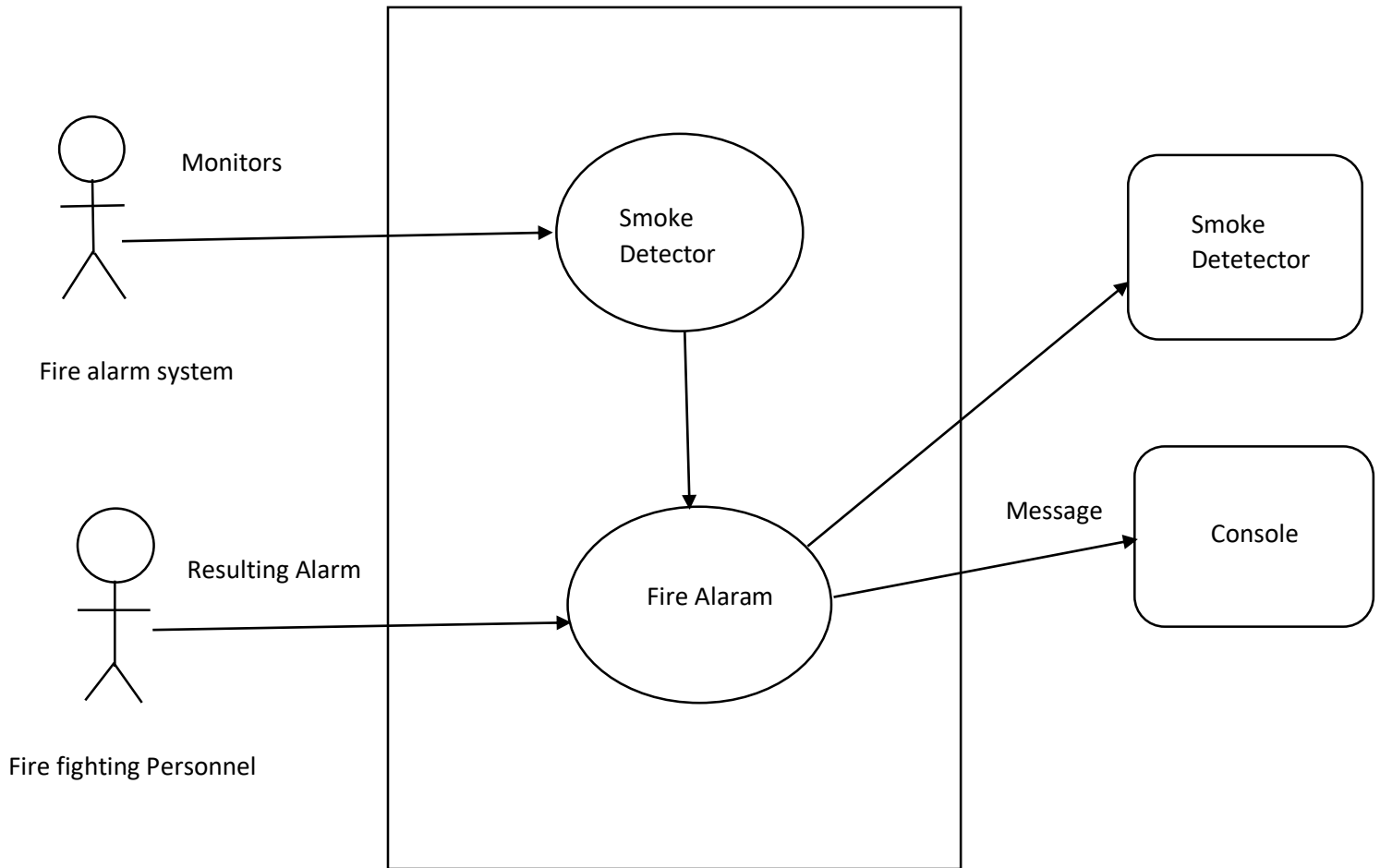
15:- c) is used for the large systems that can be modularized.

Q2:-

Ans:- a) the above fire alarm system are used to monitor the status of the smoke detector placed in each room of the building. It also determine the location at which the fire condition has occoured and it flash an alarm message on the computer console. It support resetting the alarms by the fire fighting personnel.

b)

Use case diagram : Fire Alarm



c)

Activity Diagram :-

