# Week 07 : Assignment 07

1) The key features of mobile cloud computing (MCC) are                                   *1 point*

- ☑ a) Facilitates the quick development, delivery and management of mobile apps
- ☐ b) Uses more device resources because applications are cloud-supported
- ☑ c) Improves reliability with information backed up and stored in the cloud
- ☐ d) None of these

2) Dynamic runtime offloading involves the issues of                                       *1 point*

- ☑ a) Runtime application partitioning
- ☑ b) Migration of intensive components
- ☑ c) Continuous synchronization for the entire duration of runtime execution platform
- ☐ d) None of these

3) What is/are true about cloudlet?                                                         *1 point*

- ☐ a) Increases the latency in reaching the cloud servers
- ☑ b) Reduces the latency in reaching the cloud servers
- ☑ c) Resides far from the mobile devices
- ☐ d) Resides near to the mobile devices

4) What is/are true about mobile cloud computing (MCC)?                                     *1 point*

- ○ a) MCC increases the running cost for computation intensive applications
- ◉ b) MCC reduces the running cost for computation intensive applications
- ○ c) MCC decreases battery lifetime
- ○ d) None of these

5) What is/are true about the execution of services in mobile cloud computing (MCC)? *1 point*

- ○ a) All services are executed in cloud
- ◉ b) Some services are executed in mobile devices and some services are executed in cloud
- ○ c) All computation intensive services are executed in mobile devices
- ○ d) None of these

6) What of the following is/are fog device(s)? *1 point*

- ☑ a) Cellular base stations
- ☑ b) Network routers
- ☑ c) WiFi Gateways
- ☐ d) None of these

7) What is/are the advantage(s) of fog computing? *1 point*

- ☑ a) Reduction in data movement across the network resulting in reduced congestion
- ☐ b) Increase in data movement across the network resulting in increased congestion
- ☑ c) Serving the real-time applications
- ☐ d) None of these

8) Consider the following statements: *1 point*

**Statement 1**: In Geospatial Cloud, it is needed to integrate data from heterogeneous back-end data service.
**Statement 2**: Data services can be inside and/or outside of the cloud environment in Geospatial Cloud.

- ○ a) Statement 1 is Correct, but Statement 2 is Incorrect.
- ○ b) Statement 2 is Correct, but Statement 1 is Incorrect.
- ◉ c) Both statements are Correct.
- ○ d) Both statements are Incorrect

9) Which of the following statement(s) is/are FALSE about Fog Computing? *1 point*

- ☐ a) Fog nodes present near to the end-user
- ☐ b) Fog computing enables real-time applications
- ☑ c) Fog nodes' response time is much higher than Cloud's
- ☑ d) Network routers, WiFi Gateways will not be capable of running applications

10) Which of the following is/are true about Geospatial Cloud Model?

- a) It integrates data from homogeneous back-end data services
- ● b) Data services can be inside and/or outside the cloud environment
- c) Data services inside cloud can be run through SaaS service model
- d) None of the above