**Hello Students!**

**Try to test your basic knowledge in DevOps and we will discuss the answers in the class. Do not Google**

1) DevOps means…

A. Developers taking over all Operations tasks.

B. Automating the process of software delivery and infrastructure changes.

C. The collaboration and communication of both software developers and other information-technology (IT) professional while automating the process of software delivery and infrastructure changes.

D. The collaboration and communication of just software developers and operations staff while automating the process software delivery and infrastructure change

2) The adoption of DevOps is being driven by factors such as:

A. Use of Agile and other development processes and methodologies.  
B. Demand for an increased rate of production releases from application and business unit stakeholders  
C. Wide availability of virtualised and cloud infrastructure from internal and external providers  
D. Increased usage of data centre automation and configuration management tools

3) Agile and DevOps are similar but differ in a few important aspect. Which statement is correct?

A. Agile is a change of thinking whereas DevOps is actual organisation cultural change

B. Agile is actual organisational cultural change whereas DevOps is a change of thinking.

C. Agile is process driven whereas DevOps is role driven.

D. Agile is role driven whereas DevOps is process driven.

4) Which statement best describes the goal of DevOps?

A. One goal of DevOps is to establish an environment where Change Management does bot control application releases.

B. One goal of DevOps is to establish an environment where releasing more reliable applications faster and more frequently can occur.

C. One goal of DevOps is to establish an environment where application development perform all operations tasks.

D. One goal of DevOps is to establish an environment where releasing applications is valued over the quality of the released application.

5) Which of the following steps they follow to develop a software:

A. Plan the procedure.

B. Write codes for functionality

C. Makes the codes executable

D. Run tests

E. Run software on client system

F. Monitor the working of the software and give feedback

Answer: A,B,C,D,F.E

6) When is Acceptance Testing performed in Agile development?

A. On request of customer

B. After system is ready

C. At the end of each iteration

D. Daily

7) Which one of the following techniques makes DevOps a successful methodology to develop and deliver software?

A. DevOps enables you to organize your teams around your organizational mission

B. DevOps enables you to create your software with built-in quality and monitoring

C. DevOps enables you to quickly identify, fix and learn from errors

D. All above choices

8) Which one of the following statements about DevOps is incorrect?

A. DevOps is only suitable for start-up companies

B. DevOps is suitable for brownfield software products and services

C. DevOps is suitable for greenfield software products and services

D. Some of the most exemplary DevOps initiatives started in companies with giant and mature IT organizations.

9) Which model takes the longest time for delivery of an application.

A. Agile model

B. Waterfall model

C. DevOps model

D. None of the above

10) DevOps model is an extension of ----------

A. Agile model

B. Waterfall model

C. Sprint model

D. Scrum model