

TILAK MAHARASHTRA VIDYAPEETH, PUNE
BACHELOR OF COMPUTER APPLICATIONS (B.C.A.)
EXAMINATION : JUNE - 2022
SEMESTER - VI
Sub: Cloud Computing (BCA – 640-18) / Cloud Technology (BCA-646)

Date : 27/06/2022

Total Marks : 60

Time: 2.00 pm to 04.30 pm

Instructions:

1. All questions are compulsory unless and otherwise stated.
 2. Bold figures to the right of every question are the maximum marks for that question.
 3. Candidates are advised to attempt questions in order.
 4. Answers written illegibly are likely to be marked zero.
 5. Use of scientific calculators, Log tables, Mollier Charts is allowed.
 6. Draw neat and labelled diagrams wherever necessary.
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Q.1. Fill in the blanks. (05)

1. pwd command in linux displays _____
 - a) user password
 - b) password file content
 - c) present working directory
 - d) none of the mentioned
2. SAN stands for
 - a) Storage Area Network
 - b) Storage access Network
 - c) Secured Area Network
 - d) Secured access network
3. Which of the following is deployment model?
 - a) public
 - b) private
 - c) hybrid
 - d) All of the mentioned
4. Which of the following is most complete cloud computing service model?
 - a) IaaS
 - b) SaaS
 - c) CaaS
 - d) PaaS
5. Which concept was introduced by Cloud Computing
 - a) Software-as-a-service.
 - b) Platform-as-a-service
 - c) Storage-as-s-service
 - d) IT-as-a-service

Q.2. State True/False. (05)

1. Cloud cannot be termed as Network or Internet.
2. NAS is Network Assigned Storage.
3. Cloud offers online data storage, infrastructure and application.
4. Virtualization is the key enabling technology of cloud computing.
5. DHCP Server provides an IP address.

Q.3. Answer the following. (Solve any 5) (10)

1. What is network-as-a-service?
2. Define Hypervisor.
3. Define Hybrid Cloud.
4. What is business on demand?
5. Enlist different service models of Cloud Computing.
6. Define private cloud.

Q. 4. Answer the following in detail. (Solve any 6) (30)

1. What are risks associated in using cloud technology.
2. Explain deployment models of Cloud Computing. Explain using diagram.
3. Describe utility computing in detail.
4. What are the innovative characteristics of cloud technology?
5. Explain service models of Cloud Computing. Explain using diagram.
6. Explain the concept of SOA.
7. Explain virtualization using diagram.

Q. 5. Answer the following in detail. (Solve any 1) (10)

1. Explain VMware architecture.
 2. Explain Hyper-V architecture.
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