

<b>Name:</b>	
<b>Enrolment No:</b>	

**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**  
**End Semester Examination, May 2020**

**Course: Managing the Cloud**  
**Course Code: CSIB 494**  
**Program: B.Tech CSE (CCVT)**

**Semester: VIII**  
**Time: 03 hrs.**  
**Max. Marks: 100**

**SECTION A**

S. No.		Marks	CO
Q 1	When you deploy an application on Google’s PaaS App Engine cloud service, the Administration Console provides you with the which of the following monitoring capabilities?  a)View data and error logs                                    b)Analyze your network traffic c) View the application’s scheduled tasks   d) All of the mentioned	2	<b>CO1</b>
Q 2	Which of the following is not a phase of cloud lifecycle management?  a) The definition of the service as a template for creating instances b) Management of the operation of instances and routine maintenance c) Management of the services of instances d) None of the mentioned	2	<b>CO2</b>
Q 3	Which of the following aims to deploy methods for measuring various aspects of cloud performance in a standard way ? a) RIM                                    b) SIM                                    c)SMI                                    d) All of the mentioned	2	<b>CO3</b>
Q 4	Which of the following is a Web service that can publish messages from an application and deliver them to other applications or to subscribers? a) Amazon Elastic Compute Cloud                                    b) Amazon Simple Queue Service c) Amazon Simple Notification Service                                    d) Amazon Simple Storage System	2	<b>CO1</b>
Q 5	In Cloud Services Management, Cloud Provisioning is part of Service Operations  - (True/False)	2	<b>CO2</b>
Q 6	Block Storage in AWS gives a hard disk kind of storage to ec2 instance.(True /False )	2	<b>CO3</b>
Q 7	Which of the following initiative tries to provide a way of measuring cloud computing services along dimension like cost ?  a) CCE    b) OCCI    c) SMI    d) All of the mentioned	2	<b>CO1</b>

Q 8	<p>Which of the following is Virtual machine conversion cloud?</p> <p>a) BMC Cloud Computing Initiative   b) Amazon Cloud Watch   c) Abi Cloud</p> <p>d) None of the mentioned</p>	<b>2</b>	<b>CO2</b>
Q 9	<p>Which of the following area of cloud computing is uniquely troublesome?</p> <p>a) Auditing      b) Data integrity   c) e-Discovery for legal compliance</p> <p>d) All of the mentioned</p>	<b>2</b>	<b>CO3</b>
Q 10	<p>Which of the following is a complimentary mechanism to Open ID and is used to create SSO systems?</p> <p>a) OpenSSL   b) CHAP    c) SMAL    d) None of the mentioned</p>	<b>2</b>	<b>CO1</b>
Q 11	<p>Which of the following model allows vendor to provide security as part of the Service Level Agreement?</p> <p>a) SaaS    b) PaaS    c) IaaS    d) None Of these</p>	<b>2</b>	<b>CO2</b>
Q 12	<p>_____ is a framework tool for managing cloud infrastructure.</p> <p>a) IBM Tivoli Service Automation Manager</p> <p>b) Microsoft Tivoli Service Automation Manager</p> <p>c) Google Service Automation Manager</p> <p>d) Windows Live Hotmail</p>	<b>2</b>	<b>CO3</b>
Q 13	<p>Which of the following file system can be backed up by Cloud Plug?</p> <p>a) NTFS</p> <p>b) FAT32</p> <p>c) EXT3</p> <p>d) All of the mentioned</p>	<b>2</b>	<b>CO1</b>

Q 14	<p>Which of the following entity queries the Open ID identity provider to authenticate the veracity of the Open ID credentials?</p> <p>a) serving party   b) relieving party   c) relaying party   d) None of the mentioned</p>	2	CO2
Q 15	<p>Point out the wrong statement.</p> <p>a) In the cloud, the particular service model you are using directly affects the type of monitoring you are responsible for</p> <p>b) In AaaS, you can alter aspects of your deployment</p> <p>c) You can monitor your usage of resources through Amazon Cloud Watch</p> <p>d) None of the mentioned</p>	2	CO3
Q 16	<p>Which of the following provides tools for managing Windows servers and desktops?</p> <p>a) Microsoft System Center</p> <p>b) System Service</p> <p>c) System Cloud</p> <p>d) All of the mentioned</p>	2	CO1
Q 17	<p>Point out the wrong statement.</p> <p>a) Google App Engine lets you deploy the application and monitor it</p> <p>b) From the standpoint of the client, a cloud service provider is different than any other networked service</p> <p>c) The full range of network management capabilities may be brought to bear to solve mobile, desktop, and local server issues</p> <p>d) All of the mentioned</p>	2	CO2
Q 18	<p>Which of the following is the Virtual machine conversion cloud?</p> <p>a) BMC Cloud Computing Initiative</p> <p>b) Amazon Cloud Watch</p> <p>c) Abi Cloud</p> <p>d) None of the mentioned</p>	2	CO3
Q 19	<p>_____ is Microsoft's cloud-based management service for Windows systems.</p>	2	CO1

	<p>a) Intune      b) Utunes</p> <p>c) Outtunes    d) Windows Live Hotmail</p>		
Q 20	<p>Which of the following is a virtualization provisioning system that will be rolled into Dell's AIM?</p> <p>a) Dell Scalent</p> <p>b) CloudKick</p> <p>c) Elastra</p> <p>d) All of the mentioned</p>	<b>2</b>	<b>CO1</b>
Q 21	<p>Which of the following is used for Web site monitoring and analytics?</p> <p>a) Gomez</p> <p>b) Ganglia</p> <p>c) Elastra</p> <p>d) None of the mentioned</p>	<b>2</b>	<b>CO2</b>
Q 22	<p>Which of the following is used for performance management for virtualized Java Apps with VMware integration?</p> <p>a) Hyperic</p> <p>b) Internetseer</p> <p>c) RightScale</p> <p>d) All of the mentioned</p>	<b>2</b>	<b>CO3</b>
Q 23	<p>Point out the correct statement.</p> <p>a) Cloud storage may be broadly categorized into four major classes of storage</p> <p>b) In unmanaged storage, the storage service provider makes storage capacity available to users</p> <p>c) In managed storage, the storage service provider makes storage capacity available to users</p> <p>d) All of the mentioned</p>	<b>2</b>	<b>CO1</b>
Q 24	<p>Point out the wrong statement.</p>	<b>2</b>	<b>CO2</b>

	<p>a) Amazon Machine Instances are sized at various levels and rented on a computing/hour basis</p> <p>b) The metrics obtained by CloudWatch may be used to enable a feature called Auto Scaling</p> <p>c) A number of tools are used to support EC2 services</p> <p>d) None of the mentioned</p>		
Q 25	<p>Which of the following allows you to create instances of the MySQL database to support your Web sites?</p> <p>a) Amazon Elastic Compute Cloud</p> <p>b) Amazon Simple Queue Service</p> <p>c) Amazon Relational Database Service</p> <p>d) Amazon Simple Storage System</p>	<b>2</b>	<b>CO3</b>
Q 26	<p>Point out the wrong statement.</p> <p>a) Cloud computing deployments must be monitored and managed in order to be optimized for best performance</p> <p>b) To the problems associated with analyzing distributed network applications, the cloud adds the complexity of virtual infrastructure</p> <p>c) Cloud management software provides capabilities for managing faults</p> <p>d) None of the mentioned</p>	<b>2</b>	<b>CO1</b>
Q 27	<p>Point out the correct statement.</p> <p>a) Cloud management includes not only managing resources in the cloud but managing resources on-premises</p> <p>b) The management of resources in the cloud requires new technology</p> <p>c) Management of resources on-premises allows vendors to use well-established network management technologies</p> <p>d) All of the mentioned</p>	<b>2</b>	<b>CO2</b>
Q 28	<p>_____ is a framework tool for managing cloud infrastructure.</p> <p>a) IBM Tivoli Service Automation Manager</p> <p>b) Microsoft Tivoli Service Automation Manager</p>	<b>2</b>	<b>CO3</b>

	c) Google Service Automation Manager d) Windows Live Hotmail		
Q 29	Which of the following “cloudly” characteristics that cloud management service must have? a) Billing is on a pay-as-you-go basis b) The management service is extremely scalable c) The management service is ubiquitous d) All of the mentioned	2	CO1
Q 30	Which of the following is a standard protocol for network monitoring and discovery? a) SNMP b) CMDB c) WMI d) All of the mentioned	2	CO2
<b>SECTION B</b>			
Q 1	Explain AWS Cloud Services and describe at least two of the foundation services.	10	CO1
Q 2	What is meant by Cloud Provisioning? List what all is provisioned as part of setting up a cloud environment for an enterprise?	10	CO2
Q 3	What is meant by Interoperability in Cloud environment? Describe in detail the purpose and process of Cloud Monitoring.	10	CO3
Q 4	Explain purpose and functioning of ITIL Service Management Framework.	10	CO3