Program: Information Technology
Curriculum Scheme: Rev2012
Examination: BE   Semester VII
Course Code: **BEITC702** and   Course Name: **CC**

Time: 2 hour   Max. Marks: 80

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Q1.	Choose the correct option for following questions. All the Questions are compulsory and carry equal marks
1.	What type of computing technology refers to services and applications that typically run on a distributed network through virtualized resources?
Option A:	Distributed Computing
Option B:	**Cloud Computing**
Option C:	Soft Computing
Option D:	Parallel Computing
2.	Which one of the following options can be considered as the Cloud?
Option A:	**Hadoop**
Option B:	Intranet
Option C:	Web Applications
Option D:	Web browser
3.	Cloud computing is a kind of abstraction which is based on the notion of combining physical resources and represents them as _____resources to users.
Option A:	Real
Option B:	Cloud
Option C:	**Virtual**
Option D:	concrete
4.	Which one of the following cloud concepts is related to sharing and pooling the resources?
Option A:	Polymorphism
Option B:	**Virtualization**
Option C:	Abstraction
Option D:	Encapsulation
5.	Which one of the following is Cloud Platform by Amazon?
Option A:	Azure
Option B:	**AWS**

Option C:	Cloudera
Option D:	ASW
6.	How many types of Cloud are there in Deployment Models?
Option A:	2
Option B:	3
Option C:	**4**
Option D:	5
7.	The _____ allows systems and services to be accessible by a group of organizations.
Option A:	Private cloud
Option B:	Public cloud
Option C:	**Community cloud**
Option D:	Hybrid cloud
8.	The _____ allows systems and services to be accessible within an organization.
Option A:	**Private cloud**
Option B:	Public cloud
Option C:	Community cloud
Option D:	Hybrid cloud
9.	Which of the following is a type of Service Models?
Option A:	Public-as-a-Service
Option B:	**Platform-as-a-Service**
Option C:	Community-as-a-Service
Option D:	Public-as-a-Service
10.	_____ provides the runtime environment for applications, development and deployment tools, etc.
Option A:	IaaS
Option B:	**PaaS**
Option C:	SaaS
Option D:	XaaS
11.	Following represent column in NoSQL _____.
Option A:	Database
Option B:	**Field**
Option C:	Document
Option D:	Collection
12.	What is the aim of NoSQL?
Option A:	NoSQL provides an alternative to SQL databases to store textual data.
Option B:	NoSQL databases allow storing non-structured data.
Option C:	NoSQL is not suitable for storing structured data.
Option D:	**NoSQL is a new data format to store large datasets.**
13.	Which of the following online nosql is developed by cloudera?
Option A:	HCatalog

Option B:	**Hbase**
Option C:	Imphala
Option D:	Oozie
14.	_____ Stores are used to store information about networks, such as social connections.
Option A:	Key-value
Option B:	Wide-column
Option C:	Document
Option D:	**Graph**
15.	Cloud computing is a _____ system and it is necessarily unidirectional in nature
Option A:	**stateless**
Option B:	stateful
Option C:	reliable
Option D:	efficient
16.	Which of the following is the most important area of concern in cloud computing?
Option A:	**Security**
Option B:	Storage
Option C:	Scalability
Option D:	Reliability
17.	Which of the following is property of ACID principle?
Option A:	Atomicity
Option B:	Consistency
Option C:	Isolation
Option D:	**Atomicity,consistency and isolation**
18.	Which of the following property defines a transaction as something that cannot be subdivided and must be completed or abandoned as a unit?
Option A:	**Atomicity**
Option B:	Consistency
Option C:	Isolation
Option D:	Durability
19.	Which of the following describes a message-passing taxonomy for a component-based architecture that provides services to clients upon demand?
Option A:	**SOA**
Option B:	EBS
Option C:	GEC
Option D:	ESM
20.	Which of the following is used to define the service component that performs the service?
Option A:	WSDL
Option B:	**SCDL**
Option C:	XML
Option D:	HTML

Q2	Solve any Two Questions out of Three 10 marks each
A	*Write SOA for cloud application.*
B	*Explain cloud storage gateway and host security for PAAS.*
C	*Explain types of cloud based service with an example.*

Q3.	
A	**Solve any Two** **5 marks each**
i.	*Explain the architecture of MCC*
ii.	*Explain the AAA model.*
iii.	*List and describe the cloud computing risk and issue by gartner.*
B	**Solve any One** **10 marks each**
i.	*Write a short note on features of Eucalyptus.*
ii.	*Explain virtualization structure and its benefits.*