

Subject
Code

2045

COMPUTER SCIENCE (DSE-III)

Question Booklet No.

Signature of Invigilator	To be filled in by candidate by ball-point pen only	OMR Sl. No. _____
	Roll No. _____	_____
Time of Examination	Declaration : I have read and understood the instructions given below.	
Date of Examination	Full Signature of Candidate	Full Marks : 80/50 Time : 1 hour
	Name of Candidate	

Number of Questions } **50/40**
in the Booklet



UU 6th Semester Examination, 2020

INSTRUCTIONS TO CANDIDATES

- Immediately after getting the booklet read instructions carefully mentioned on the front and back page of the Question Booklet. Do not open the seals unless asked by the Invigilator.
- Write your Roll No., OMR Response Sheet No., in the specified places given above and put your signature.
- Write the subject code of the booklet in your OMR Sheet.
- Make all entries in the OMR Response Sheet as per the given instructions; otherwise OMR Response Sheet will not be evaluated.
- After opening the seals, ensure that the Question Booklet contains total no. of pages as mentioned above and printing of all the **50 / 40** questions are proper. If any discrepancy is found, inform the invigilator within **15** minutes and get the correct Question Booklet.
- For each question in the Question Booklet choose the correct option from the given four alternatives and darken the same circle in the OMR Response Sheet with Black or Blue ball-point pen.
- Darken the circle of correct answer properly; otherwise answers will not be evaluated. The candidate will be fully responsible for it.
- If more than one option is darkened for a particular question, then it will be treated as wrong answer.
- After completion of the examination, only OMR Response Sheet is to be handed over to the invigilator.

THERE IS NO NEGATIVE MARKING FOR WRONG ANSWER

Rough Work

COMPUTER SCIENCE (DSE-III)

CLOUD COMPUTING

(Answer any 40 questions)

- 1 Cloud refers to
 - (A) Hardware
 - (B) Software
 - (C) Internet
 - (D) None
- 2 IaaS stands for
 - (A) Infrastructure as a Service
 - (B) Internet as a Service
 - (C) Instruction as a Service
 - (D) None
- 3 PaaS stands for
 - (A) Platform as a Service
 - (B) Program as a Service
 - (C) Peripheral as a Service
 - (D) Procedure as a Service
- 4 Which is not the benefit of Cloud Computing
 - (A) Low cost
 - (B) Elasticity
 - (C) Pay as you use
 - (D) Place dependent
- 5 The device which serves the request of clients is known as
 - (A) Client machine
 - (B) Server
 - (C) Cloud
 - (D) Firewall
- 6 Which is not a cloud service provider
 - (A) Amazon
 - (B) Google
 - (C) Microsoft
 - (D) BJB college
- 7 Grid computing is defined as
 - (A) distributed computer resources to reach a common goal
 - (B) Grid Computing is a subset of distributed computing
 - (C) Both a and b
 - (D) none
- 8 Advantage(s) of cluster computing
 - (A) High availability
 - (B) Enhanced performance
 - (C) Highly scalability
 - (D) All of the above
- 9 Which of the following is true about Distributed Computing
 - (A) Uses physically connected resources for computation
 - (B) Each computer is dependent on each other
 - (C) Message passing scheme is used to communicate over internet
 - (D) None

- 10 Utility computing is
- (A) Demand based computing
 - (B) Scalar computing
 - (C) Vector computing
 - (D) none
- 11 Which is true about Abstraction in cloud computing
- (A) Hides the system implementation details from the user
 - (B) Showing all the computational information to the customer
 - (C) It is not a basic primitive of cloud computing
 - (D) None
- 12 Virtualization
- (A) Establishes physical connection of resources together
 - (B) Provide an illusion of unlimited resources
 - (C) Ensures physical resources are logically duplicated
 - (D) Both b and c
- 13 Deployment model refers to
- (A) The location and management of the cloud's infrastructure
 - (B) Particular type of services provided on a cloud computing platform
 - (C) Different resource management models
 - (D) None
- 14 The cloud that is accessed by everyone at any-time is
- (A) Public cloud
 - (B) Private cloud
 - (C) community cloud
 - (D) Hybrid cloud
- 15 Private cloud is owned by
- (A) Government agencies and organization
 - (B) Community of users
 - (C) An individual or private organization
 - (D) None
- 16 Resource allocation in cloud computing means
- (A) Allocating resources to every customers at a time
 - (B) Increasing allocation time
 - (C) Allocating resources to the requesting customers simultaneously
 - (D) none
- 17 Cost calculations
- (A) is the financial part of cloud computing
 - (B) deals with calculating the cost of consumed resources by the customer
 - (C) both a and b
 - (D) none
- 18 Advantages of cloud computing
- (A) cost effective
 - (B) unlimited resources
 - (C) backup and restore data
 - (D) all of the above
- 19 Example of PaaS
- (A) Google docs
 - (B) Amazon web services
 - (C) Acrobat.com
 - (D) Azure services platform

- 20 Resource pooling is
- (A) Resources are assigned and reassigned statically
 - (B) Resources are assigned and reassigned dynamically
 - (C) Both a and b
 - (D) none
- 21 Rapid elasticity ensures
- (A) Pooling are provided and released elastically
 - (B) Resources are scaled up and down automatically
 - (C) An illusion of limitless resources
 - (D) All of the above
- 22 Cloud providers are those
- (A) Who assigns the resources to the requesting user
 - (B) Who request for resources
 - (C) Who use the resources allocated
 - (D) none
- 23 Cloud users
- (A) Who provide resources
 - (B) Who manages and monitors resources
 - (C) Who checks whether resources are available or not
 - (D) Who request for resources
- 24 SLA stands for
- (A) Service Level Agreement
 - (B) Service label agreement
 - (C) Secure level agreement
 - (D) Series level agreement
- 25 SLA is an agreement between
- (A) Cloud service provider and cloud users
 - (B) Cloud manager and cloud service provider
 - (C) Resource owner and cloud service provider
 - (D) Resource owner and cloud user
- 26 Which is not specified in SLA
- (A) Uptime
 - (B) Warranty
 - (C) Latency
 - (D) security
- 27 Client Server Architecture in which
- (A) Several clients are connected to a server
 - (B) Several clients are connected to a client
 - (C) Several clients are connected to several clients
 - (D) All of the above
- 28 Generally Client server architecture is a
- (A) 4-tier architecture
 - (B) 3-tier architecture
 - (C) 2-tier architecture
 - (D) none
- 29 In 3-tier Client Serverarchitecture, the second tier consists of
- (A) Client
 - (B) Server
 - (C) Proxy server
 - (D) Users

- 30 NIST stands for
- (A) National Institute of Standards and Technology
 - (B) Nation Institute of Standards and Technology
 - (C) Novel Institute of Standards and Technology
 - (D) none of the above
- 31 Jurisdictional issues raised by data location are
- (A) Related to the location of data
 - (B) The specific laws that apply in that location
 - (C) Related to the location of user
 - (D) Both a and b
- 32 Authentication and authorization are generally based on
- (A) Something he/she knows
 - (B) Something he/she is
 - (C) What he/she possess
 - (D) All of the above
- 33 _____ cloud is the combination of multiple clouds.
- (A) Public cloud
 - (B) Private cloud
 - (C) Hybrid cloud
 - (D) Community cloud
- 34 Google introduced a platform for developers to create and deploy web applications is
- (A) Google App Engine
 - (B) Google Search Engine
 - (C) Google Web Applications
 - (D) None
- 35 SEO stands for
- (A) Subject Engine Optimization
 - (B) Search Engine Optimization
 - (C) Search engine operation
 - (D) All of the above
- 36 _____ is a tool that measures the number and types of visitors to a website.
- (A) Google analytics
 - (B) Google translate
 - (C) Google API
 - (D) None
- 37 _____ is used for translation activities in Google.
- (A) Google analytics
 - (B) Google translate
 - (C) Google API
 - (D) None
- 38 Google API can be categorized as
- (A) AZAX
 - (B) Browser
 - (C) Geo
 - (D) All of the above
- 39 AWS stands for
- (A) Amazon Word Services
 - (B) American Web Services
 - (C) Amazon Web Services
 - (D) None
- 40 The pricing models of EC2
- (A) Undemand instance
 - (B) Reserved instance
 - (C) Spot instance
 - (D) All of the above

- 41 _____ allows you to store data up to 5GB in flat namespace.
- (A) Amazon S3
 - (B) Amazon S2
 - (C) Amazon S1
 - (D) None
- 42 Azure is Microsoft's _____.
- (A) IaaS
 - (B) PaaS
 - (C) SaaS
 - (D) None
- 43 Which is/are element(s) of windows Azure
- (A) Application
 - (B) Compute
 - (C) Storage
 - (D) All of the above
- 44 Which is not the key mechanism for protecting data in cloud computing?
- (A) Access control
 - (B) Auditing
 - (C) Authentication
 - (D) Network
- 45 Information card is used in cloud computing to
- (A) Uniquely identify the user
 - (B) Protect the user
 - (C) invalidate the user
 - (D) none
- 46 The ability of cloud provider to deliver solutions to multiple clients is _____ in cloud computing.
- (A) multi program
 - (B) multi tenancy
 - (C) multi stage
 - (D) none
- 47 _____ ensures that data at rest are not subject to corruption in cloud computing.
- (A) data integrity
 - (B) data loss
 - (C) data recovery
 - (D) data modification
- 48 Economic factors of cloud computing usually deals with economy in _____.
- (A) local scale
 - (B) global scale
 - (C) both a and b
 - (D) none
- 49 _____ is defined as a court's authority to judge acts committed in a certain territory in cloud computing.
- (A) jurisdiction
 - (B) privacy
 - (C) availability
 - (D) All the Above
- 50 The simulator for cloud computing is
- (A) CloudSim
 - (B) Cloud Simulation
 - (C) NS2
 - (D) MATLAB

