

1) What type of computing technology refers to services and applications that typically run on a distributed network through virtualized resources?

(A) DISTRIBUTED COMPUTING

(B) CLOUD COMPUTING

(C) SOFT COMPUTING

(D) PARALLEL COMPUTING



2) Which one of the following options can be considered as the Cloud?

(A) Hadoop ✓

(B) Intranet

(C) Web Applications

(D) All of the mentioned



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

(A) Real

(B) Cloud

(C) Virtual ✓

(D) none of the mentioned



# Which of the following has many features of that is now known as cloud computing?

- (A) Web Service
- (B) Softwares
- (C) All of the mentioned
- (D) Internet



Which one of the following cloud concepts is related to sharing and pooling the resources?

- (A) Polymorphism
- (B) Virtualization
- (C) Abstraction
- (D) None of the mentioned



Which one of the following statements is not true?

- (A) The popularization of the Internet actually enabled most cloud computing systems.
- (B) Cloud computing makes the long-held dream of utility as a payment possible for you, with an infinitely scalable, universally available system, pay what you use. 
- (C) Soft computing addresses a real paradigm in the way in which the system is deployed.
- (D) All of the mentioned

**Which one of the following can be considered as a utility is a dream that dates from the beginning of the computing industry itself?**

- (A) Computing
- (B) Model
- (C) Software
- (D) All of the mentioned



# Which of the following is an essential concept related to Cloud?

- (A) Reliability
- (B) Abstraction
- (C) Productivity
- (D) All of the mentioned



# Which one of the following is Cloud Platform by Amazon?

- (A) Azure
- (B) AWS 
- (C) Cloudera
- (D) All of the mentioned



In the Planning Phase, Which of the following is the correct step for performing the analysis?

- (A) Cloud Computing Value Proposition
- (B) Cloud Computing Strategy Planning
- (C) Both A and B
- (D) Business Architecture Development

Which one of the following refers to the non-functional requirements like disaster recovery, security, reliability, etc.

- (A) Service Development
- (B) Quality of service ✓
- (C) Plan Development
- (D) Technical Service

# Which of the following provides the Graphic User Interface (GUI) for interaction with the cloud?

- (A) Client
- (B) Client Infrastructure
- (C) Application
- (D) Server



Which one of the following a technology works behind the cloud computing platform?

(A) Virtualization

(B) SOA

(C) Grid Computing

(D) All of the above ✓

# In Virtualization, which architecture provides the virtual isolation between the several tenants?

(A) IT Architecture

(B) Multitenant ✓

(C) Deployment

(D) Business Architecture

On which one of the following utility computing is based?

(A) Grid Computing Model

(B) SOA Model

(C) virtual isolation Model

(D) Pay-per-Use model



# In Grid Computing, which types of computer resources are there?

- (A) heterogeneous dispersed.
- (B) geographically dispersed.
- (C) Both A and B
- (D) None of the above

Managed IT services are based on the concept of which one of the following?

(A) Virtualization

(B) Utility Computing

(C) Grid Computing

(D) SOA



On which one of the following hypervisor runs directly on the underlying host system, it is also known as \_\_\_\_\_?

- (A) Bare metal hypervisor
- (B) Hosted Hypervisor
- (C) Native Hypervisor
- (D) Both A and C



Which of the following behaves like the monitor's entry point and reroutes the instructions of the virtual machine?

(A) Dispatcher

(B) Allocator

(C) Interpreter

(D) Both A and B



# Which one of the following is also known as a Hypervisor?

- (A) VMA
- (B) VMM
- (C) VMS
- (D) VMR



# How many kinds of Hypervisor are there?

(A) 4

(B) 3

(C) 2

(D) 5



# Which one of the following is not an example of the Type1-Hypervisor?

- (A) VMware ESXi
- (B) Microsoft Hyper-V hypervisor
- (C) Citrix XenServer
- (D) VMware Player ✓

Which one of the following is used to call the allocator?

(A) INTERPRETER

(B) TYPE-2 Hypervisor

(C) Both A and B

(D) DISPATCHER



The Parallels Desktop can be considered as the example of which of the following?

- (A) TYPE-2 Hypervisor ✓
- (B) DISPATCHER
- (C) TYPE-1 Hypervisor
- (D) INTERPRETER

Which one of the following can be considered as the example of the Type2 Virtual Machine monitors?

- (A) KVM
- (B) Microsoft Hyper V
- (C) Parallels Desktop
- (D) All of the above



Which one of the following is a type of software that supports the virtual machine?

- (A) Kernel
- (B) Hypervisor
- (C) VMM
- (D) Both B and C



The XML-based and macro-ended file format for Excel 2007-2013 which stores VBA macro code or Excel 4.0 macro sheets should be saved with which extension?

(A) .xlsm ✓

(B) .xlsx

(C) .xlsb

(D) .xltx

Which of the following functions will help to find the number of working days between two calendar dates?

(A) Business days



(B) Networkdays

(C) Days

(D) None of the mentioned options

Which of the following groups is not present under the Insert tab in MS-Excel?

(A) Charts

(B) Text

(C) Sort & Filter

(D) Tables



# What is the difference between a Trojan and a Virus?

- (A) A Virus replicates itself while a Trojan does not
- (B) They are different names for the same thing
- (C) None of the mentioned options
- (D) A Virus starts as a Trojan and spreads later



Which of the following functions is used to create a drop-down box in selected cells?

(A) Data > Conditional Formatting

(B) Data > Data Validation

(C) Pivot Table

(D) Data > Filter

Which of the following key resides on all stations as in AP and client devices in a 4-way handshake?

(A) Pairwise Transient Key

(B) Pairwise Master Key

(C) Group Master Key

(D) Group Temporal Key

Which of the following is not the benefit of the cloud if you chose Platform as a service?

(A) Management of Middleware



(B) All of the mentioned options

(C) Management of Data

(D) Management of Runtime

Which of the following benefits of cloud makes it easy for a company with a rapid movement to keep the entire system fully functional?

(A) Reliability

(B) Collaboration

(C) Automatic Software Integration

(D) Quick Deployment

Which of the following payment options is best suited for small businesses in cloud?

(A) pay-as-you-go



(B) pay-and-use

(C) pay-per-use

(D) None of the mentioned options

Which of the following is correct based on the below statements?

- A. Clouds offer limited data storage capacity to users.
- B. Clouds offer unlimited data storage capacity to users.
- C. In both data center and cloud, there is a third party involved in managing data but the cloud has more data theft.
- D. In both data center and cloud, there is a third party involved in managing data but the data center has more data theft.

Choose the correct answer from the options given below.

- (A) Only A and D
- (B) Only B and C
- (C) Only B and D
- (D) Only A and C



The ability to combine name and addresses with a standard document is called

(A) Document formatting

(B) Database management

(C) Mail merge ✓

(D) Form letters

The field that covers a variety of computer networks, both public and private, that are used in everyday jobs.

(A) Artificial Intelligence

(B) ML

(C) Network Security 

(D) IT

**Network Security provides authentication and access control for resources.**

**(A) TRUE**



**(B) FALSE**

# Which is not an objective of network security?

- (A) Identification
- (B) Authentication
- (C) Access control
- (D) Lock ✓

# Which of these is a part of network identification?

- (A) UserID 
- (B) Password
- (C) OTP
- (D) fingerprint

The process of verifying the identity of a user.

(A) Authentication✓

(B) Identification

(C) Validation

(D) Verification

A concern of authentication that deals with user rights.

(A) General access

(B) Functional authentication

(C) Functional authorization

(D) Auto verification

**Security features that control that can access resources in the OS.**

**(A) Authentication**

**(B) Identification**

**(C) Validation**

**(D) Access control** ✓

An algorithm in encryption is called \_\_\_\_\_

(A) Algorithm

(B) Procedure

(C) Cipher ✓

(D) Module

The information that gets transformed in encryption is \_\_\_\_\_

- (A) Plain text ✓
- (B) Parallel text
- (C) Encrypted text
- (D) Decrypted text

Wi-Fi stands for-

- (A) Wireless Fidelity ✓
- (B) Wireless LAN
- (C) Wireless FLAN
- (D) None of the mentioned

**SSID stands for -**

- (A) Secure Service Identifier**
- (B) Secure Set Independent Device**
- (C) Secure Set Identifier✓**
- (D) Service Set Independent Device**

**WPA stands for -**

**(A) Wired Protected Access**

**(B) Wireless Protected Access ✓**

**(C) Wireless Personal Access**

**(D) Wired Personal Access**

**VPN stands for -**

**(A) Visual Performance Node**

**(B) Virtual Private Network**

**(C) Virtual Post Node**

**(D) Virtual Post Network**

**“When communication is unknowingly going through an adversary/intermediate.” Which type of Wireless network threat would you classify this under?**

**(A) Malicious Association**

**(B) Man in the middle attack** ✓

**(C) Network Injection**

**(D) Accidental Association**

**"When an attacker is able to eavesdrop on network traffic and identify the MAC address of a computer with network privileges." Which type of Wireless network threat would you classify this under?**

- (A) Identity Theft
- (B) Man in the middle attack
- (C) Network Injection
- (D) Accidental Association

**"When bogus reconfiguration commands are used to affect routers and switches to degrade network performance." Which type of Wireless network threat would you classify this under?**

- (A) Network Injection
- (B) Malicious Association
- (C) Man in the middle attack
- (D) Denial Of Service

**"When fraud access points are created to access information such as passwords." Which type of Wireless network threat would you classify this under?**

**(A) Identity Theft**

**(B) Network Injection**

**(C) Man in the middle attack**

**(D) Malicious Association** ✓

**“When there is a lack of a central point of control.”**  
**Which type of Wireless network threat would you classify this under?**

(A) Man in the middle attack

(B) Identity Theft

(C) Ad Hoc Networks

(D) Non-Traditional Networks

In TLS padding can be upto a maximum of -

(A) 79 bytes

(B) 127 bytes

(C) 255 bytes

(D) none of the mentioned

Which key exchange technique is not supported by SSLv3?

(A) Anonymous Diffie-Hellman

(B) Fixed Diffie-Hellman

(C) RSA

(D) Fortezza ✓

In the SSLv3 the padding bits are \_\_\_\_\_ with the secret key.

(A) Padded

(B) XORed

(C) Concatenated

(D) ANDed

**URL stands for -**

- (A) Universal Remote Locator**
- (B) Universal Resource Language**
- (C) Uniform Resource Locator** ✓
- (D) Uniform Resource Language**

A topology that is responsible for describing the geometric arrangement of components that make up the LAN.

(A) Complex

(B) Physical

(C) Logical

(D) Incremental



\_\_\_ LAN topology describes the possible connections between pairs of networked end-points that can communicate.

(A) Complex

(B) Physical

(C) Logical ✓

(D) Incremental

A piece of information which is sent along with the data to the source computer.

(A) Data

(B) Module

(C) Token ✓

(D) Element

A serially connected system of all the hubs of networks.

(A) Bus

(B) Ring

(C) Daisy chains ✓

(D) Star

A \_\_\_\_\_ WAN can be developed using leased private lines or any other transmission facility

(A) Hybrids

(B) Peer-to-peer

(C) Two-tiered

(D) Three-tiered



# A topology that involves Tokens.

(A) Star

(B) Ring ✓

(C) Bus

(D) Daisy Chaining





The participating computers in a network are referred to as

(A) Clients

(B) Servers

(C) Nodes

(D) CPUs



A term that refers to the way in which the nodes of a network are linked together.

(A) Network

(B) Topology

(C) Connection

(D) Interconnectivity

Starting with Microsoft Office 2003, Photo Editor was renamed to :

(A) Photo Manager.

(B) Picture Manager ✓

(C) Picture Editor.

(D) Paint Editor

A feature of MS Office that saves the document automatically after certain interval is called \_\_

(A) Save

(B) Save As

(C) Auto Save

(D) Backup



# What was the HTML editor that was part of Microsoft Office until 2003?

(A) Web Page

(B) Explorer

(C) FrontPage ✓

(D) DreamWeaver

Which feature is used to make selected sentence to  
All Capital Letters or All Small Letters ?

Ctrl + H  
B.Ctrl + R  
C.Replace from  menu  
D.Both A and C

(A) Change Letter

(B) Change Sentence

(C) Change Case

(D) Change Word

Which of these software applications was not part of the first version of Microsoft Office?

(A) Paint

(B) PowerPoint

(C) Outlook

(D) MS Word

To go to a specific location in a document we use :

(A) Table of Contents

(B) Bookmark ✓

(C) HyperText

(D) Macro

**Office 365 is now the most popular cloud application in the world. But when did it debut?**

(A) 2008

(B) 2010

(C) 2011 ✓

(D) 2014



# Which one is the most suitable reason to use Macro in MS Office (Word, Excel, PPT, etc) ?

(A) To Record Sound

(B) To automate repetitive tasks ✓

(C) To Record Mouse Move

(D) To Record Keystroke

**Superscript, subscript, strikethrough are known as  
?**

(A) Font Face

(B) Font Style

(C) Font Format

(D) Font Effects ✓

We can start MS Word by typing \_\_\_\_\_ in the Run Dialog box.

- (A) **winword.exe** ✓
- (B) **word.exe**
- (C) **msword.exe**
- (D) **docx.exe**

A Microsoft Office user who has been certified by Microsoft is called MOS. What is the full form of MOS ?

(A) Microsoft Office Special

(B) Microsoft Office Superior

(C) Microsoft Office Specialist ✓

(D) Microsoft Office eSpecial

Name the application under MS Office software bundle, that we use to create audio visual presentation.

(A) MS Word

(B) MS Excel

(C) MS PowerPoint

(D) MS Access

Which one is the the spreadsheet application that comes with MS Office software group?

(A) MS Word

(B) MS Excel ✓

(C) MS PowerPoint

(D) MS Access

We can apply border to \_\_\_\_\_

(A) Cell

(B) Paragraph

(C) Table

(D) All of These ✓

# What is the shortcut key to open the Open dialog box?

(A) F12

(B) Shift F12

(C) Alt + F12

(D) Ctrl + F12



You cannot close MS Office application by

(A) Exit from File menu

(B) Pressing Alt+F4

(C) Clicking [X] Button

(D) Close from File Menu ✓

**By default Footers are printed on :**

(A) All Pages



(B) First Page

(C) Last Page

(D) Even Pages

# The options Portrait and Landscape comes under

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(A) Paper Size

(B) Page Orientation ✓

(C) Page Layout

(D) Page Rotation

Which menu / group will we use if we want to change the typeface of selected text ?

(A) Edit

(B) View

(C) Format ✓

(D) Tools



# Which key combination is used to insert a Line Break?

(A) Shift + Enter ✓

(B) Alt + Enter

(C) Ctrl + Enter

(D) Fn + Enter

# What does the Function Key - F12 do when you are using MS Office (Word, Excel, PowerPoint, etc.) ?

- (A) Open 'Save As' Dialog Box ✓
- (B) Shows 'Open' Dialog Box
- (C) Display 'Save' Dialog Box
- (D) Opens 'Font' Dialog Box

Suppose there is a text in a document that is Bold, Red in Color with Green Background. We want to apply all of these formatting to another paragraph in one go. Which option will we use ?

(A) Format Button

(B) Format Menu

(C) Format Painter ✓

(D) Format Macro

## Gutter Margin is used to :

(A) Add space to the Header Side

(B) Add space to the Left

(C) Add Space to binding side ✓

(D) Add space to the Footer side

# Computer can not do anything without a

- A. Chip
- B. Memory
- C. Output device
- D. Program ✓
- E. None of the above

The ability of a computer system to remain operational despite various failures is

- A. Relation
- B. Schema
- C. Resilience 
- D. Versatility
- E. None of the above

Which of the following memories must be refreshed many times per second?

- A. Static RAM
- B. Dynamic RAM
- C. EPROM
- D. ROM
- E. None of the above

# Which of the following is the expansion of EBCDIC ?

- A. Extended bit comparable to digital interface for computer
- B. Extended bootable computerised digital infrared calculator
- C. Extended binary coded decimal interchange code ✓
- D. Extended binary coded decimal information code
- E. None of the above

A digital device that processes data is known as

- A. Data processor ✓
- B. Data entry
- C. DBMS
- D. Database
- E. None of the above

A generalised software package produced to meet the bugs of a variety of data processing users is known as

- A. Utility programs
- B. System software
- C. Operating system
- D. Application package ✓
- E. None of the above

**What is the name of the display feature that highlights areas of the screen which require operator attention?**

- A. Pixel
- B. Reverse video ✓
- C. Touch screen
- D. Cursor
- E. None of the above

A data item which is not broken down into smaller units is \_\_\_\_\_

- A. Data element
- B. Elementary data item
- C. Data entry
- D. Database management
- E. None of the above

Registers which are partially visible to users and used to hold conditional codes (bits set by the CPU hardware as the result of operations), are known as

- A. PC
- B. Memory Address Registers
- C. General purpose registers
- D. Flags ✓
- E. None of the above

**A system program which helps the execution of user programs is known as**

- A. System software**
- B. Application program**
- C. Batch operating system**
- D. Utilities**
- E. None of the above**