**Unit 2**

**1** Cloud computing is a kind of abstraction which is based on the notion of combining physical resources and represents them as \_\_\_\_\_\_\_resources to users.

1. Real
2. Cloud
3. Virtual
4. none of the mentioned

**A**

**2** Which one of the following can be considered as the example of the Front-end?

1. Web Browser
2. Google Compute Engine
3. Cisco Metapod
4. Amazon Web Services

**A**

**3** By whom is the backend commonly used?

1. Client
2. User
3. Stockholders
4. service provider

**D**

**4** . Which of the following provide system resource access to virtual machines?  
a)VMC  
b)VNM  
c)VMM  
d) All of the mentioned

**C**

**5.** Which of the following is another name for the system virtual machine?  
a)hardware virtual machine  
b)software virtual machine  
c)real machine  
d) none of the mentioned

**A**

**6.**Which of the following is Type 2 VM?  
a)Virtual Logix VLX  
b)VMware ESX  
c)Xen  
d) LynxSecure

**C**

**7.** Which of the following type of virtualization is found in hypervisor such as Microsoft’s Hyper-V?  
a)para-virtualization  
b)full virtualization  
c)emulation  
d) none of the mentioned

**A**

**8.** Which of the following operating system support operating system virtualization?  
a)Windows NT  
b)Sun Solaris  
c)Windows XP  
d) Compliance

**B**

**9.** \_\_\_\_\_\_\_\_ is a service that creates and manages virtual network interfaces.  
a)VMwarev Storage  
b)VMwarev Network  
c)VMwarev Compute  
d) Application services

**B**

**10.**  Which of the following allows a virtual machine to run on two or more physical processors at the same time?  
a)Virtual SMP  
b)Distributed Resource Scheduler  
c)vNetwork Distributed Switch  
d) Storage VMotion

**A**

**11.** The \_\_\_\_\_ is something that you can obtain under contract from your vendor.  
a)PoS  
b)QoS  
c)SoS  
d) All of the mentioned

**B**

**12.** In a \_\_\_\_\_\_\_\_\_\_ Scheme, the VM is installed as a Type 1 Hypervisor directly onto the hardware.

a. Para-Virtualization

b. Full virtualization

c. emulation

d. None of the above

**B**

**13.** Which of the following operating system support operating system virtualization?

a. Windows NT

b. Sun Solaris

c. Windows XP

d. Compliance

**B**

**14.** \_\_\_\_\_\_\_\_\_\_\_\_ is essential concept related to Cloud?

a. Reliability

b. Abstraction

c. Productivity

d. All of the mentioned

**B**

**15.** . Choice the wrong statement.

A All applications benefit from deployment in the cloud

B With cloud computing, you can start very small and become big very fast

C Cloud computing is revolutionary, even if the technology it is built on is evolutionary

D None of the mentioned

**A**

**16.** Cloud computing is an abstraction based on the notion of pooling physical resources and presenting them as a \_\_\_\_\_\_\_\_ resource.

A real

B virtual

C cloud

D none of the mentioned

**B**

**17.** Which of the following is a function of the particular enterprise and application in an on-premises deployment

a. Vendor lock

b. Vendor lock-in

c. vendor lock-ins

d. None of the above

**B**

**18.** Cloud computing is also a good option when the cost of infrastructure and management is \_\_\_\_\_

a. Low

b. High

c. Moderate

d. None

**B**

**19.** Which of the following CPU architecture can be virtualized naturally

a. X86 CPU architecture

b. RISC CPU architecture

c. None

d. Xen architecture

**B**

**20.** \_\_\_\_\_\_\_ as a service is a cloud computing infrastructure that creates a development environment upon which applications may be build.

a. infrastructure

b. service

c. platform

d. All of the above

**C**

**21.** The \_\_\_\_\_ table contains the base address of each page in physical memory.  
a)process  
b)memory  
c)page  
d) frame

**C**

**22.** Which of the following type of virtualization is also characteristic of cloud computing?  
a)Storage  
b)Application  
c)CPU  
d) All of the mentioned

**D**

**23.** The method which offers higher speeds of I/O transfers is \_\_\_\_\_\_\_\_\_\_\_  
a)Interrupts  
b)Memory mapping  
c)Program-controlledI/O  
d) DMA

**D**

**24.**In memory-mapped I/O\_\_\_\_\_\_\_\_\_\_\_\_  
a)The I/O devices and the memory share the same address space  
b)The I/O devices have a separate address space  
c)The memory and I/O devices have an associated address space  
d) A part of the memory is specifically set aside for the I/O operation

**A**

**25.** . Which of the following cloud concept is related to pooling and sharing of resources?  
a)Polymorphism  
b)Abstraction  
c)Virtualization  
d) None of the mentioned

**C**

**26.**  \_\_\_\_\_\_\_\_ has many of the characteristics of what is now being called cloud computing.  
a)Internet  
b)Softwares  
c)Web-Service  
d) All of the mentioned

**A**

**27.** Which of the following is Cloud Platform by Amazon?  
a)Azure  
b)AWS  
c)Cloudera  
d) All of the mentioned

**B**

**28.** Which of the following component is called hypervisor?

a. VGM

b. All of the mentioned

c. VMc

d. VMM

**D**

**29.** Which of the following runs on Xen Hypervisor?

a. AWS EC3

b. AWS EC2

c. All of the mentioned

d. Azure

**B**

**30.** An operating system running on a Type \_\_\_\_\_\_\_ VM is full virtualization.

a. 1

b. 2

c.3

d. 4

**A**