

Q.3 Select the most appropriate option to fill in the blank.

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The policeman ran fast _____ to catch the thief.

- Ans
- ☒ 1. rather
 - ☒ 2. enough
 - ☒ 3. fairly
 - ☒ 4. quite

DFCCIL Question Paper 2020

Question ID : 59445924772

Status : Answered

Chosen Option : 2

Q.4 Select the most appropriate option to fill in the blank.

They plan _____ a flyover at this crossroads.

- Ans
- ☒ 1. building
 - ☒ 2. build
 - ☒ 3. to build
 - ☒ 4. to building

Question ID : 59445924770

Status : Answered

Chosen Option : 3

Q.5 Select the most appropriate option to fill in the blank.

_____ the whole I am satisfied _____ her work.

- Ans
- ☒ 1. In ; with
 - ☒ 2. In ; for
 - ☒ 3. On ; for
 - ☒ 4. On ; with

Question ID : 59445924768

Status : Answered

Chosen Option : 1

Q.6 Select the most appropriate antonym of the given word.

PROFOUND

- Ans
- ☒ 1. reflective
 - ☒ 2. intense
 - ☒ 3. superficial
 - ☒ 4. thoughtful

Question ID : 59445924773

Status : Answered

Chosen Option : 3

Section : Logical Reasoning

Q.1 Four groups of numbers have been given, out of which three are alike in some manner and one is different. Select the group that is different.

- Ans
- ☒ 1. 32 - 258
 - ☒ 2. 38 - 361
 - ☒ 3. 34 - 289
 - ☒ 4. 44 - 484

Question ID : 59445924779

Status : Answered

Chosen Option : 3

Q.2 If it is possible to make a meaningful word with the first, fifth, seventh, ninth and twelfth letters of the word 'CIRCUMSTANCE', which of the following will be the third letter of that word?

- Ans
- ☒ 1. A
 - ☒ 2. U
 - ☒ 3. E
 - ☒ 4. N

Question ID : 59445924777

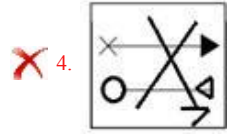
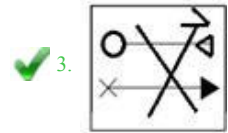
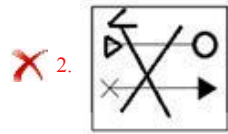
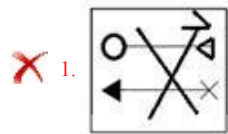
Status : Answered

Chosen Option : 2

Q.3 Which of the options is the exact mirror image of the given figure when the mirror is held at the right side?



Ans



Question ID : 59445924775

Status : Answered

Chosen Option : 3

Q.4 Select the word from the given alternatives which CANNOT be formed using the letters of the given word (using each letter only once).

EXASPERATION

Ans ☒ 1. PARENTS

☒ 2. NEAREST

☒ 3. ARTISAN

☒ 4. EROSION

Question ID : 59445924776

Status : Answered

Chosen Option : 4

Q.5 Select the option that is related to the third term in the same way as the second term is related to the first term and sixth term is related to fifth term.

13: 17 :: 29: ? :: 47: 53

Ans ☒ 1. 37

☒ 2. 43

☒ 3. 31

☒ 4. 41

Question ID : 59445924774

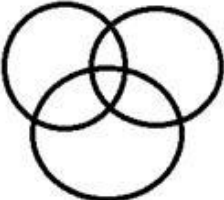
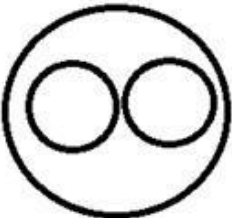
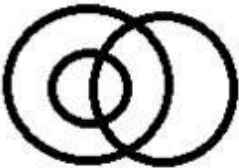
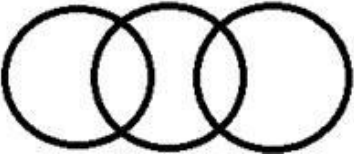
Status : Not Answered

Chosen Option : --

Q.6 'Some of the teachers are writers, some writers are lawyers and some lawyers are teachers'.

Which of the following Venn diagrams correctly represents the above statement?

Ans

- ☒ 1. 
- ☐ 2. 
- ☐ 3. 
- ☐ 4. 

Question ID : 59445924778

Status : Answered

Chosen Option : 1

Section : Numerical Ability

Q.1 A sum invested at 5% simple interest per annum grows to Rs. 504 in 4 years. The same sum at 10% simple interest per annum in $2\frac{1}{2}$ years will grow to :

- Ans
- ☐ 1. Rs. 550
- ☒ 2. Rs. 525
- ☐ 3. Rs. 420
- ☐ 4. Rs. 450

Question ID : 59445924784

Status : Not Answered

Chosen Option : --

Q.2 Which one of the sequences below is in ascending order?

- Ans
- ☒ 1. $\frac{13}{15}, \frac{11}{13}, \frac{9}{11}, \frac{7}{9}$
- ☒ 2. $\frac{7}{9}, \frac{9}{11}, \frac{11}{13}, \frac{13}{15}$
- ☒ 3. $\frac{13}{15}, \frac{11}{13}, \frac{7}{9}, \frac{9}{11}$
- ☒ 4. $\frac{9}{11}, \frac{11}{13}, \frac{7}{9}, \frac{13}{15}$

Question ID : 59445924780

Status : Answered

Chosen Option : 2

Q.3 A is thrice as good a workman as B and therefore is able to finish a piece of a job in 60 days less than B. Working together they can finish the same work in:

- Ans
- ☒ 1. $22\frac{1}{2}$ days
- ☒ 2. 30 days
- ☒ 3. 25 days
- ☒ 4. 20 days

Question ID : 59445924785

Status : Answered

Chosen Option : 2

Q.4 If two numbers are 20% and 50% of a number, what percentage is the first number of the second number?

- Ans
- ☒ 1. 35
- ☒ 2. 30
- ☒ 3. 40
- ☒ 4. 45

Question ID : 59445924781

Status : Answered

Chosen Option : 3

Q.5 The mixture of two elements P and Q has been prepared by mixing them in the ratio of 5 : 8 in respect of volume or 4 : 5 in respect to the weight. The weight of equal volume of P and Q is:

- Ans
- ☒ 1. 32 : 25
- ☒ 2. 25 : 36
- ☒ 3. 5 : 8
- ☒ 4. 16 : 25

Question ID : 59445924783

Status : Not Answered

Chosen Option : --

Q.6 If the selling price of an article is $\frac{4}{3}$ of its cost price, then the profit earned in this transaction is:

- Ans
- ☐ 1. $16\frac{2}{3}\%$
 - ☒ 2. $33\frac{1}{3}\%$
 - ☐ 3. $20\frac{1}{2}\%$
 - ☐ 4. $25\frac{1}{2}\%$

Question ID : 59445924782

Status : Answered

Chosen Option : 1

Section : General Knowledge (Current Affairs)

Q.1 In December 2019, the first ever Global Refugee Forum was held in:

- Ans
- ☐ 1. Paris, France
 - ☐ 2. Zurich, Switzerland
 - ☐ 3. Berlin, Germany
 - ☒ 4. Geneva, Switzerland

Question ID : 59445924791

Status : Answered

Chosen Option : 4

Q.2 Who among the following is not Indian shuttler?

- Ans
- ☒ 1. Dipika Pallikal Karthik
 - ☐ 2. Ashwini Ponnappa
 - ☐ 3. Chirag Shetty
 - ☐ 4. Lakshya Sen

Question ID : 59445924786

Status : Answered

Chosen Option : 2

Q.3 Miss World 2019 Toni Ann Singh belongs to which country?

- Ans
- ☐ 1. Barbados
 - ☐ 2. India
 - ☐ 3. Cuba
 - ☒ 4. Jamaica

Question ID : 59445924790

Status : Answered

Chosen Option : 1

Q.4 Who introduced Hindu Vedanta philosophy to the Western countries?

- Ans
- ☒ 1. Swami Ram Krishna Paramhans
 - ☒ 2. Swami Vivekananda
 - ☒ 3. Vinoba Bhave
 - ☒ 4. Sister Nivedita

Question ID : 59445924787
Status : Answered
Chosen Option : 3

Q.5 Which state is Largest tea producer in India?

- Ans
- ☒ 1. Bihar
 - ☒ 2. Uttarakhand
 - ☒ 3. West Bengal
 - ☒ 4. Assam

Question ID : 59445924788
Status : Answered
Chosen Option : 4

Q.6 Which Schedule of the Indian Constitution deals with the administration and control of Scheduled Areas and Scheduled Tribes of Assam, Meghalaya, Tripura and Mizoram?

- Ans
- ☒ 1. Sixth Schedule
 - ☒ 2. Fifth Schedule
 - ☒ 3. Seventh Schedule
 - ☒ 4. Eighth Schedule

Question ID : 59445924789
Status : Answered
Chosen Option : 3

Section : Subject Related

Q.1 Suppose an image file is to be sent over network and it is acceptable if some pixel information is lost. In such a case which socket will you prefer to use?

- Ans
- ☒ 1. Lossy image socket
 - ☒ 2. Stream-based socket
 - ☒ 3. Datagram socket
 - ☒ 4. Image socket

Question ID : 59445924842
Status : Answered
Chosen Option : 4

Q.2 If we are to find number of hops from www.google.com to our host how will you do it?

- Ans
- ☐ 1. `ifconfig www.google.com`
 - ☒ 2. `tracert www.google.com`
 - ☐ 3. `ping www.google.com`
 - ☐ 4. `ipconfig www.google.com`

Question ID : 59445924875

Status : Answered

Chosen Option : 4

Q.3 In a TCP/IP model which of the following layers is responsible for carrying out actual transmission of bits over Ethernet, WiFi, Optic fiber etc.

- Ans
- ☐ 1. Application Layer
 - ☒ 2. Network Interface Layer
 - ☐ 3. Internet Layer
 - ☐ 4. Transport Layer

Question ID : 59445924829

Status : Answered

Chosen Option : 4

Q.4 Which of the following has a unique ID?

- i. Microprocessor
- ii. Network Card
- iii. Hard Disk
- iv. USB Ports

- Ans
- ☐ 1. iv
 - ☐ 2. iii
 - ☐ 3. ii and iv
 - ☒ 4. i and ii

Question ID : 59445924798

Status : Answered

Chosen Option : 4

Q.5 Which of the following is a highlight of server-less computing?

- Ans
- ☐ 1. Dedicated virtual machine
 - ☐ 2. Dedicated servers
 - ☐ 3. Subscription model
 - ☒ 4. Pay only when you use

Question ID : 59445924820

Status : Not Answered

Chosen Option : --

Q.6 In class C Network how many nodes are permitted in network?

- Ans
- ☐ 1. 256
 - ☒ 2. 254
 - ☐ 3. 128
 - ☐ 4. 255

Question ID : 59445924862

Status : Answered

Chosen Option : 1

Q.7 Which of the following Protocol-port number combinations is/are CORRECT?

- i. HTTP - 80
- ii. SMTP - 25
- iii. FTP - 20, 21

- Ans
- ☐ 1. Only i
 - ☐ 2. Only ii
 - ☒ 3. i, ii and iii
 - ☐ 4. i and ii

Question ID : 59445924834

Status : Answered

Chosen Option : 1

Q.8 Which of the following is NOT a cause of congestion in network traffic?

- Ans
- ☐ 1. Slow processors
 - ☐ 2. Sudden flow of packets on same output line
 - ☐ 3. Slow Bandwidth links
 - ☒ 4. Firewall

Question ID : 59445924855

Status : Not Answered

Chosen Option : --

Q.9 Which of the following statements is TRUE?

Ans ☒ 1.

Speed of L3 cache > Speed of L2 cache > speed of L1 cache

☒ 2. Cache memory is faster than RAM

☒ 3. Cache memory is inexpensive

☒ 4.

Cache memory is needed because main memory works faster than CPU

Question ID : 59445924816

Status : Answered

Chosen Option : 2

Q.10 Which of the following is the CORRECT sequence of message transmission in Selective Repeat ARQ protocol if message number 3 out of messages 1, 2, 3, 4 is not delivered?

Ans ☒ 1. 1 2 3 4 2 3 4

☒ 2. 1 2 3 4 3 4

☒ 3. 1 2 3 4 1 2 3 4

☒ 4. 1 2 3 4 3

Question ID : 59445924846

Status : Answered

Chosen Option : 1

Q.11 Which of the following are characteristics of IP subnetting?

i. Subnets can be freely assigned within the organization

ii. Internally, subnets are treated as separate networks

iii. Subnet structure is not visible outside the organization

Ans ☒ 1. i, ii and iii

☒ 2. i, ii

☒ 3. i, iii

☒ 4. ii, iii

Question ID : 59445924868

Status : Answered

Chosen Option : 1

Q.12 If we are to communicate between client and server using a connectionless protocol, then which of the following should be used?

- Ans
- ☒ 1. Either Stream-based or Datagram socket
 - ☒ 2. Stream-based socket
 - ☒ 3. TCP sockets
 - ☒ 4. Datagram socket

Question ID : 59445924841

Status : Answered

Chosen Option : 3

Q.13 One of the addresses in subnet is 17.63.110.114/24, what is the last address in the subnet?

- Ans
- ☒ 1. 17.63.110.255/20
 - ☒ 2. 17.63.110.0/24
 - ☒ 3. 255.255.255.0/24
 - ☒ 4. 17.63.110.255/24

Question ID : 59445924873

Status : Answered

Chosen Option : 2

Q.14 Which cable cannot be used for connecting a monitor to a CPU?

- Ans
- ☒ 1. SATA
 - ☒ 2. DVI
 - ☒ 3. HDMI
 - ☒ 4. VGA

Question ID : 59445924792

Status : Answered

Chosen Option : 2

Q.15 Which of the following is the CORRECT sequence of message transmission in Go Back N ARQ protocol if message number 3 out of messages 1, 2, 3, 4 is not delivered?

- Ans
- ☒ 1. 1 2 3 4 2 3 4
 - ☒ 2. 1 2 3 4 1 2 3 4
 - ☒ 3. 1 2 3 4 3 4
 - ☒ 4. 1 2 3 4 3

Question ID : 59445924845

Status : Not Answered

Chosen Option : --

Q.16 Match the following and select the correct option.

(i) Connection-oriented	(a) TCP
(ii) Connectionless	(b) UDP
(iii) Dotted Decimal Notations	(c) IPv4 Address
(iv) Communication end point	(d) Port 80

- Ans ☒ 1. i-a, ii-b, iii-c, iv-d
☒ 2. i-b, ii-c, iii-a, iv-d
☒ 3. i-d, ii-a, iii-b, iv-c
☒ 4. i-c, ii-d, iii-a, iv-b

Question ID : 59445924838

Status : Answered

Chosen Option : 1

Q.17 Suppose there are 2 devices with IP addresses 172.16.17.30/20 and 172.16.28.15/20. Which of the following statements is correct?

- Ans ☒ 1. Both these devices belong to the same subnet.
☒ 2. It cannot be determined whether they belong to same or different subnet.
☒ 3. It can be determined only after knowing the subnet mask.
☒ 4. Both these devices belong to the different subnets.

Question ID : 59445924871

Status : Answered

Chosen Option : 4

Q.18 In a single-user chat application which socket should be created on the server?

- Ans ☒ 1. One server socket, multiple communication sockets
☒ 2. One server socket, one communication socket
☒ 3. Multiple communication sockets
☒ 4. Multiple server sockets, multiple communication sockets

Question ID : 59445924836

Status : Answered

Chosen Option : 1

Q.19 Which of the following correctly indicates the speed of data transmission in decreasing order?

- Ans ☒ 1. SATA > USB > Parallel > Serial
☐ 2. USB > SATA > Serial > Parallel
☐ 3. Serial > Parallel > USB > SATA
☐ 4. Parallel > SATA > USB > Serial

Question ID : 59445924803

Status : Answered

Chosen Option : 3

Q.20 Internet is:

- Ans ☐ 1. Bandwidth Switched Network
☐ 2. Circuit Switched Network
☒ 3. Packed Switched Network
☐ 4. Protocol Switched Network

Question ID : 59445924830

Status : Answered

Chosen Option : 4

Q.21 A high end gaming Laptop or PC is likely to have:

- Ans ☐ 1. L2 cache
☒ 2. L1, L2 and L3 cache
☐ 3. L1 cache
☐ 4. L1 and L2 cache

Question ID : 59445924815

Status : Answered

Chosen Option : 4

Q.22 What will you do if a USB hard disk contains file stored in a Linux file system and you wish to use it on a Windows machine?

- Ans ☒ 1.
Install Cygwin and access files on the USB hard disk through it

☐ 2.

Mount the hard disk in NTFS file system on a separate drive

☐ 3.

No need to do anything, the files will be available the moment you connect the USB hard disk.

☐ 4.

Copy all the files in the USB hard disk into a pen drive and then used them from pen drive

Question ID : 59445924808

Status : Answered

Chosen Option : 4

Q.23 In the TCP/IP model what is the sequence of layers from top to bottom?

Ans

☒ 1.

Application Layer, Transport Layer, Internet Layer, Network Interface Layer

☐ 2.

Transport Layer, Application Layer, Internet Layer, Network Interface Layer

☐ 3.

Internet Layer, Network Interface Layer, Transport Layer, Application Layer

☐ 4.

Network Interface Layer, Internet Layer, Transport Layer, Application Layer

Question ID : 59445924827

Status : Answered

Chosen Option : 1

Q.24 Which of the following correctly describes PaaS?

Ans

☒ 1.

3rd party provider provides application development platforms and tools on its own infrastructure

☐ 2.

3rd party provider provides hosts, servers, storage and virtualized compute resources

☐ 3.

3rd party provider hosts applications

☐ 4.

3rd party provider provides infrastructure, application development platforms and applications

Question ID : 59445924823

Status : Not Answered

Chosen Option : --

Q.25 Which of the following is the highest resolution monitor?

Ans

☐ 1. 1920 × 1080

☒ 2. 4k

☐ 3. 1360 × 768

☐ 4. 1024 × 768

Question ID : 59445924799

Status : Answered

Chosen Option : 1

Q.26 Which of the following forms can a network adapter CANNOT have?

- Ans
- ☒ 1. Private network adapter
 - ☐ 2. Virtual network adapter implemented through software
 - ☐ 3. Wireless Network Adapter
 - ☐ 4. Wired Network Adapter

Question ID : 59445924826

Status : Answered

Chosen Option : 4

Q.27 Which of the following networks can have maximum number of nodes?

- Ans
- ☐ 1. 2.x.x.x/6
 - ☐ 2. 2.x.x.x/4
 - ☐ 3. 2.x.x.x
 - ☒ 4. 2.x.x.x/2

Question ID : 59445924866

Status : Answered

Chosen Option : 2

Q.28 Which protocol can be used by servers using SAN for transport?

- i. Fibre channel
- ii. FCoE
- iii. iSCSI

- Ans
- ☒ 1. i, ii and iii
 - ☐ 2. i
 - ☐ 3. i and iii
 - ☐ 4. ii and iii

Question ID : 59445924810

Status : Not Answered

Chosen Option : --

Q.29 Which of the following provides data storage virtualization?

- Ans
- ☒ 1. RAID
 - ☐ 2. NAS
 - ☐ 3. SAN
 - ☐ 4. HDD

Question ID : 59445924813

Status : Answered

Chosen Option : 4

Q.30 Which of the following is same as RS. 232 port?

- Ans
- ☐ 1. HDMI Port
 - ☐ 2. Parallel Port
 - ☐ 3. USB Port
 - ☒ 4. Serial Port

Question ID : 59445924802

Status : Not Answered

Chosen Option : --

Q.31 Distance Vector Routing is based on which underlying algorithm?

- Ans
- ☐ 1. Johnson's
 - ☐ 2. Dijkstra
 - ☐ 3. Floyd's
 - ☒ 4. Bellman Ford

Question ID : 59445924854

Status : Answered

Chosen Option : 2

Q.32 How will you check what all devices are connected to your machine?

- Ans
- ☐ 1. By looking up the list of services running using
 - ☒ 2. By looking up the list of devices listed by device manager
 - ☐ 3. Examine them physically
 - ☐ 4. By looking up the list of devices listed by service manager

Question ID : 59445924805

Status : Answered

Chosen Option : 2

Q.33 If a monitor is capable of displaying 16.7 million colors, it means that:

- Ans
- ☐ 1. Each pixel color is referred using 64 bits
 - ☒ 2. Each pixel color is referred using 24 bits
 - ☐ 3. Each pixel color is referred using 16 bits
 - ☐ 4. Each pixel color is referred using 32 bits

Question ID : 59445924806

Status : Answered

Chosen Option : 1

Q.34 Which of the following correctly describes SaaS?

Ans ☒ 1.

3rd party provider provides application development platforms and tools on its own infrastructure

☒ 2.

3rd party provider provides hosts, servers, storage and virtualized compute resources

☒ 3.

3rd party provider provides infrastructure, application development platforms and applications

☒ 4. 3rd party provider hosts applications

Question ID : 59445924825

Status : Not Answered

Chosen Option : --

Q.35 In a multi-user chat application which socket should be created on the server?

Ans ☒ 1. Multiple communication sockets

☒ 2. Multiple server sockets, multiple communication sockets

☒ 3. One server socket, one communication socket

☒ 4. One server socket, multiple communication sockets

Question ID : 59445924835

Status : Answered

Chosen Option : 2

Q.36 Which of the following is the INCORRECT about port number?

Ans ☒ 1. SMTP uses port number 80.

☒ 2.

Different applications use sockets with different port numbers on the same machine.

☒ 3. HTTP uses port number 80.

☒ 4.

Ports in network communication are logical ports and not physical ports like HDMI or USB.

Question ID : 59445924833

Status : Answered

Chosen Option : 1

Q.37 Which of the following is the correct sequence of messages in TCP handshake?

Ans ☒ 1. SYN, ACK, SYN, ACK

☒ 2. SYN, SYN, ACK, ACK

☒ 3. SYN, ACK, SYN-ACK

☒ 4. SYN, SYN-ACK, ACK

Question ID : 59445924844

Status : Answered

Chosen Option : 1

Q.38 For which keyboard a driver should be installed separately?

- Ans ☒ 1. Bluetooth
☒ 2. USB
☒ 3. PCI
☒ 4. PS2

Question ID : 59445924795

Status : Answered

Chosen Option : 4

Q.39 There are 2 networks having IP address 2.x.x.x and 2.x.x.x/8. How many nodes can be present in each network?

- Ans ☒ 1. 1, 67, 77, 216 and 6, 71, 08, 864
☒ 2. 1, 67, 77, 216 and 1, 67, 77, 216
☒ 3. 6, 71, 08, 864 and 1, 67, 77, 216
☒ 4. 6, 71, 08, 864 and 6, 71, 08, 864

Question ID : 59445924865

Status : Not Answered

Chosen Option : --

Q.40 Salesforce, YouTube, Google Drive, DropBox are examples of:

- Ans ☒ 1. SaaS
☒ 2. IaaS
☒ 3. PaaS
☒ 4. AaaS

Question ID : 59445924824

Status : Answered

Chosen Option : 2

Q.41 Match the following and select the correct option.

(i) Loopback	(a) Logical network adapter
(ii) UDP	(b) Stream sockets
(iii) TCP	(c) Datagram sockets
(iv) HTTP	(d) Port 80

- Ans ☒ 1. i-a, ii-c, iii-b, iv-d
☒ 2. i-d, ii-a, iii-b, iv-c
☒ 3. i-b, ii-c, iii-a, iv-d
☒ 4. i-a, ii-b, iii-c, iv-d

Question ID : 59445924839

Status : Answered

Chosen Option : 3

Q.42 Which of the following statements are CORRECT?

- i. 7 layer OSI model is used for network programming.
- ii. HTTP protocol is used for accessing web pages from a site.
- iii. 4 layer TCP/IP model is used for network programming.
- iv. FTP protocol is used for accessing web pages from a site.

Ans

- ☐ 1. ii
- ☐ 2. i and iii
- ☐ 3. i
- ☒ 4. ii and iii

Question ID : 59445924884

Status : Answered

Chosen Option : 1

Q.43 Which of the following correctly describes IaaS?

Ans

- ☒ 1. 3rd party provider provides hosts, servers, storage and virtualized compute resources
- ☐ 2. 3rd party provider provides application development platforms and tools on its own infrastructure
- ☐ 3. 3rd party provider hosts applications
- ☐ 4. 3rd party provider provides infrastructure, application development platforms and applications

Question ID : 59445924881

Status : Not Answered

Chosen Option : --

Q.44 Which of the following is FALSE about a socket?

Ans

- ☒ 1. It is the electrical endpoint of a network connection.
- ☐ 2. It is a software construct that identifies an end point in a communication channel.
- ☐ 3. It is used by applications as an interface to the underlying network and protocols.
- ☐ 4. It is used by applications to communicate with one another in a network.

Question ID : 59445924832

Status : Answered

Chosen Option : 1

Q.45 Which of the following statements is CORRECT?

Ans ☒ 1.

SAN stores data at the block level, while NAS accesses data as files

☒ 2.

SAN stores data as files, while NAS stores data at block level

☒ 3. SAN and NAS are same

☒ 4.

SAN usually uses Ethernet, while NAS uses Fibre Channel for transport

Question ID : 59445924811

Status : Not Answered

Chosen Option : --

Q.46 Which of the following refers to internal memory of a microprocessor?

Ans ☒ 1. CPU Registers

☒ 2. RAM

☒ 3. Cache Memory

☒ 4. ROM

Question ID : 59445924797

Status : Answered

Chosen Option : 1

Q.47 What should be done to ensure that the system time is accurate at all times?

Ans ☒ 1. Fetch it from CMOS memory

☒ 2. Fetch it from CONFIG.SYS

☒ 3. Fetch it from ROM-BIOS

☒ 4. Fetch it from time server

Question ID : 59445924878

Status : Answered

Chosen Option : 3

Q.48 What does a cluster mean with regard to a Hard Disk?

Ans ☒ 1. Group of platters

☒ 2. Group of tracks

☒ 3. Group of cylinders

☒ 4. Group of sectors

Question ID : 59445924800

Status : Answered

Chosen Option : 1

Q.49 Which of the following best differentiates between SCTP and TCP?

Ans ☒ 1.

For connection initialization SCTP needs 4-way handshake between sender and receiver, whereas TCP needs 3-way handshake

☐ 2.

SCTP guarantees simultaneous transmission of several streams of data, whereas TCP doesn't

☐ 3.

SCTP is connectionless protocol, whereas TCP is connection oriented protocol

☐ 4.

SCTP is an Application layer protocol, whereas TCP is a transport layer protocol

Question ID : 59445924887

Status : Answered

Chosen Option : 4

Q.50 In the IP address 20.199.122.70/12, what is the Broadcast address?

Ans ☐ 1. 209.199.122.70

☐ 2. 255.255.255.255

☒ 3. 209.207.255.255

☐ 4. 209.255.255.255

Question ID : 59445924870

Status : Not Answered

Chosen Option : --

Q.51 A machine that is connected to hub/switch and to the router is known as:

Ans ☐ 1. Host

☐ 2. Client

☒ 3. Gateway

☐ 4. Server

Question ID : 59445924883

Status : Answered

Chosen Option : 3

Q.52 Which of the following is the range of Private class C addresses?

Ans ☒ 1. 192.168.0.0 - 192.168.255.255

☐ 2. 182.178.0.0 - 182.178.255.255

☐ 3. 10.0.0.0 - 10.255.255.255

☐ 4. 172.16.0.0 - 172.31.255.255

Question ID : 59445924867

Status : Answered

Chosen Option : 1

Q.53 An ISP owns the address block 206.0.64.0/18
So 2 raised to 14 = 16,384 IP addresses are available to him.
A client requires 800 host addresses. Which of the following is the best way to assign these addresses to the client?

Ans ☒ 1. Assign 4 individual Class C addresses

☒ 2.

Use CIDR and assign a /24 block to client, Ex. 206.0.64.0/24

☒ 3. Assign 1 class B address

☒ 4.

Use CIDR and assign a /22 block to client, Ex. 206.0.64.0/22

Question ID : 59445924869

Status : Not Answered

Chosen Option : --

Q.54 Closed loop congestion is based on:

Ans ☒ 1. Limiting congestion

☒ 2. Removal of congestion

☒ 3. Allowing congestion

☒ 4. Prevention of congestion

Question ID : 59445924857

Status : Answered

Chosen Option : 1

Q.55 We wish to divide the network into multiple segments so that packets are transmitted only to segments for which they are meant. Which device can be used to achieve this?

Ans ☒ 1. Router

☒ 2. Active hub

☒ 3. Switch

☒ 4. Passive hub

Question ID : 59445924885

Status : Answered

Chosen Option : 2

Q.56 Which of the following is TRUE for a SAN?

Ans ☒ 1. Storage traffic is mixed with network traffic

☒ 2. Storage traffic is segregated from network traffic

☒ 3. You do not need dedicated Fibre Channel switches

☒ 4. Data is stored as files and folders

Question ID : 59445924812

Status : Not Answered

Chosen Option : --

Q.57 A Router is a _____ layer device.

- Ans
- ☒ 1. Data Link
 - ☒ 2. Network
 - ☒ 3. Physical
 - ☒ 4. Transport

Question ID : 59445924849

Status : Answered

Chosen Option : 2

Q.58 Which of the following statements is/are CORRECT about a multi-user chat application?

- i. It will need one server socket and multiple communication sockets.
- ii. On the server there will be only one thread.
- iii. On the server there will be a multiple threads, one thread per client.

- Ans
- ☒ 1. Only ii
 - ☒ 2. i and iii
 - ☒ 3. i and ii
 - ☒ 4. Only i

Question ID : 59445924837

Status : Answered

Chosen Option : 4

Q.59 Match the following devices with their message delivery type:

- | | |
|-------------|--|
| i. Hub | a. Point to Point |
| ii. Switch | b. Broadcast |
| iii. Bridge | c. Point to Point as well as Broadcast |

- Ans
- ☒ 1. i - b, iii - a, ii - c
 - ☒ 2. ii - b, i - a, iii - c
 - ☒ 3. ii - b, iii - a, i - c
 - ☒ 4. i - b, ii - a, iii - c

Question ID : 59445924886

Status : Answered

Chosen Option : 1

Q.60 Which of the following best describes CIDR (Classless Inter-Domain Routing)?

Ans

- ☐ 1. It is similar to IP sub-netting
- ☐ 2. It is an extension of DHCP protocol
- ☐ 3. Allocating IP address on basis of 4 classes viz A, B, C, D
- ☒ 4. Allocating IP address in variable sized blocks regardless of class

Question ID : 59445924860

Status : Not Answered

Chosen Option : --

Q.61 192.168.100.10 is a:

Ans

- ☐ 1. IPv2 address
- ☐ 2. IPv6 address
- ☒ 3. IPv4 address
- ☐ 4. IPv16 address

Question ID : 59445924831

Status : Answered

Chosen Option : 3

Q.62 Current cloud computing services DO NOT include:

Ans

- ☐ 1. IaaS
- ☒ 2. AaaS
- ☐ 3. SaaS
- ☐ 4. PaaS

Question ID : 59445924819

Status : Not Answered

Chosen Option : --

Q.63 An item of data will be fetched fastest if it is stored in:

Ans

- ☐ 1. Hard Disk
- ☒ 2. Cache memory
- ☐ 3. ROM
- ☐ 4. RAM

Question ID : 59445924796


Status : Answered


Chosen Option : 2


Q.64 What does the IP address 209.199.122.70/16 signify?

- i. First 16 bits in the IP address are for network ID
- ii. Last 16 bits are for host
- iii. Subnet mask 255.255.0.0
- iv. Subnet mask 0.0.255.255

Ans  1. i, ii, iii

 2. ii, iv

 3. i, ii

 4. i, iii

Question ID : 59445924864


Status : Not Answered


Chosen Option : --


Q.65 Which of the following advantages accrue by using IP Subnetting?

- i. Packets in a segment don't get routed to another segment
- ii. Optimum utilization of available address space
- iii. Improves routing scalability

Ans  1. i, ii, iii

 2. Only i and iii

 3. Only i and ii

 4. Only ii and iii

Question ID : 59445924863

Status : Not Answered

Chosen Option : --


Q.66 Which of the following is TRUE about different cache memories?

Ans  1.

Multicore CPUs have separate L1 cache for each processor

 2.

Multicore CPUs have separate L3 cache for each processor

 3. L3 cache is embedded in the processor

 4. Multicore CPUs share L2 cache

Question ID : 59445924818

Status : Answered

Chosen Option : 3

Q.67 Which of the following sends the incoming data packet to every node connected to it?

- Ans
- ☐ 1. Router
 - ☐ 2. Switch
 - ☒ 3. Hub
 - ☐ 4. Gateway

Question ID : 59445924882

Status : Answered

Chosen Option : 3

Q.68 Which command will you use to find out which DNS server the computer is currently configured to use for searching DNS entries?

- Ans
- ☐ 1. tracert
 - ☐ 2. ipconfig
 - ☒ 3. nslookup
 - ☐ 4. ping

Question ID : 59445924848

Status : Not Answered

Chosen Option : --

Q.69 Why can't a monitor be connected through a USB cable?

- Ans
- ☐ 1. It doesn't have a USB slot
 - ☐ 2. It is a write-only device
 - ☒ 3.

It needs more power to drive a monitor than what a USB cable can deliver

- ☐ 4. It is a read-only device

Question ID : 59445924801

Status : Answered

Chosen Option : 4

Q.70 Which of the following purposes can be served by ping command?

- i. Check whether a node in a network is reachable
- ii. Determine round-trip time to a node
- iii. Find out packet loss while reaching a node
- iv. Find IP address of a host from its name

- Ans
- ☒ 1. i and iv
 - ☒ 2. i, ii, iii and iv
 - ☒ 3. ii and iii
 - ☒ 4. i and ii

Question ID : 59445924853

Status : Not Answered

Chosen Option : --

Q.71 Which of the following is NOT an example of server less computing configuration?

- Ans
- ☒ 1. Rackspace dedicated VM
 - ☒ 2. AWS Lambda
 - ☒ 3. Azure Function
 - ☒ 4. Google cloud Function

Question ID : 59445924821

Status : Not Answered

Chosen Option : --

Q.72 ICMP and IP protocols differ from one another with regard to which of the following factors?

- Ans
- ☒ 1. Protocol layer
 - ☒ 2. Reliable delivery of services
 - ☒ 3. Efficient use of resources
 - ☒ 4. Report errors and provide feedback

Question ID : 59445924859

Status : Answered

Chosen Option : 1

Q.73 In the TCP/IP model which layer provides services for sending/receiving emails, web browsing, audio/video streaming?

- Ans
- ☒ 1. Network Interface Layer
 - ☒ 2. Internet Layer
 - ☒ 3. Transport Layer
 - ☒ 4. Application Layer

Question ID : 59445924828

Status : Answered

Chosen Option : 3

Q.74 Which of the following statements are CORRECT?

- i. Datagram sockets should be used for connection-oriented applications.
- ii. Stream-based sockets should be used for connectionless applications.
- iii. Datagram sockets should be used for connectionless applications.
- iv. Stream-based sockets should be used for connection-oriented applications.

- Ans
- ☒ 1. i and iii
 - ☒ 2. ii and iii
 - ☒ 3. i and ii
 - ☒ 4. iii and iv

Question ID : 59445924843

Status : Not Answered

Chosen Option : --

Q.75 Which of the following records are stored in DNS?

- i. A records
- ii. AAAA records
- iii. CNAME records
- iv. MX records

- Ans
- ☒ 1. ii and iv
 - ☒ 2. i and ii
 - ☒ 3. ii and iii
 - ☒ 4. i, ii, iii and iv

Question ID : 59445924850

Status : Answered

Chosen Option : 3

Q.76 Where is system time stored after putting off the machine?

- Ans
- ☒ 1. BOOT.INI
 - ☒ 2. CMOS memory
 - ☒ 3. CONFIG.SYS
 - ☒ 4. ROM-BIOS

Question ID : 59445924794

Status : Answered

Chosen Option : 1

Q.77 Why are the cables twisted in network cables?

Ans ☒ 1. So that same cable can be used for multiple purposes

☒ 2.

Twists prevent interference and thereby interruption in network traffic

☒ 3. Makes the cable strong

☒ 4. Makes the manufacturing easy

Question ID : 59445924847

Status : Answered

Chosen Option : 1

Q.78 Cache memory stores:

Ans ☒ 1.

Part of currently running program or data that the CPU is likely to need

☒ 2. Only the running program

☒ 3. Only the data being accessed currently

☒ 4. All the contents of main memory

Question ID : 59445924817

Status : Answered

Chosen Option : 1

Q.79 Which of the following are TRUE about different cache memories?

i. Size of L1 cache < size of L2 cache < size of L3 cache

ii. Cost of L1 cache < cost of L2 cache < cost of L3 cache

iii. Speed of L1 cache < speed of L2 cache < speed of L3 cache

Ans ☒ 1. i and iii

☒ 2. i, ii and iii

☒ 3. ii and iii

☒ 4. i and ii

Question ID : 59445924880

Status : Answered

Chosen Option : 1

Q.80 Which of the following does not need separate drivers to be installed for it to work?

- i. Hard Disk
- ii. Mother Board
- iii. Keyboard
- iv. Monitor

Ans



1. iii



2. i, ii, iii, iv



3. i, iii, iv



4. ii, iii, iv

Question ID : 59445924877

Status : Answered

Chosen Option : 2

Q.81 In ADSL modems:

Ans



1. Downstream and upstream speeds are different



2. Downstream and upstream speeds are same



3.

Whether speeds are same or different depends upon the type of ADSL model



4.

Whether speeds are same or different depends upon network configuration

Question ID : 59445924852

Status : Not Answered

Chosen Option : --

Q.82 Which of the following is TRUE for a NAS?

Ans



1. Data is stored as blocks



2. Storage traffic is segregated from network traffic



3. Storage traffic is mixed with network traffic



4. You need dedicated Fibre Channel switches

Question ID : 59445924879

Status : Not Answered

Chosen Option : --

Q.83 If you wish to attach 2 monitors to a PC what will you do?

- Ans
- ☒ 1. Attach the monitors through 2 HDMI slots on the PC
 - ☒ 2. Attach the monitors through 2 VGA slots on the PC
 - ☒ 3. Attach the monitors through 1 VGA and 1 HDMI slot on the PC
 - ☒ 4. Attach the monitors through 2 USB slots on the PC

Question ID : 59445924807

Status : Answered

Chosen Option : 1

Q.84 If we are to communicate between client and server using a connection-oriented protocol, then which of the following should be used?

- Ans
- ☒ 1. Stream-based socket
 - ☒ 2. Datagram socket
 - ☒ 3. UDP sockets
 - ☒ 4. Either Stream-based or Datagram socket

Question ID : 59445924840

Status : Answered

Chosen Option : 2

Q.85 Which file system do you expect to be present in 16 GB pen drive?

- Ans
- ☒ 1. ext4
 - ☒ 2. FAT 32
 - ☒ 3. NTFS
 - ☒ 4. FAT 16

Question ID : 59445924804

Status : Not Answered

Chosen Option : --

Q.86 Additive-increase/multiplicative-decrease (AIMD) algorithm can be used for congestion control in which of following protocols?

- Ans
- ☒ 1. UDP
 - ☒ 2. DCCP
 - ☒ 3. TCP
 - ☒ 4. SCIP

Question ID : 59445924861

Status : Not Answered

Chosen Option : --

Q.87 Which of the following is suitable for server less computing?

- i. Running a service periodically
- ii. Running a service on-demand
- iii. A service which should run 24 x 7
- iv. A dedicated VM

- Ans
- ☒ 1. i and iii
 - ☒ 2. i, ii and iii
 - ☒ 3. i and ii
 - ☒ 4. only iii

Question ID : 59445924822

Status : Not Answered

Chosen Option : --

Q.88 Which of the following refers to a platform?

- Ans
- ☒ 1. Mother Board
 - ☒ 2. Microprocessor + OS combination
 - ☒ 3. Microprocessor
 - ☒ 4. OS

Question ID : 59445924793

Status : Not Answered

Chosen Option : --

Q.89 The order of preference of executing a file with same name but different extension is:

- Ans
- ☒ 1. .EXE, .BAT, .COM
 - ☒ 2. .COM, .EXE, .BAT
 - ☒ 3.

Depends upon the order set in PATHEXT environment variable

- ☒ 4. .BAT, COM, .EXE

Question ID : 59445924876

Status : Answered

Chosen Option : 3

Q.90 Open loop congestion is based on:

- Ans
- ☒ 1. Prevention of congestion
 - ☐ 2. Limiting congestion
 - ☐ 3. Removal of congestion
 - ☐ 4. Allowing congestion

Question ID : 59445924856

Status : Answered

Chosen Option : 4

Q.91 What does a SAN comprise of:

- i. Interconnected hosts
- ii. Switches
- iii. Storage devices

- Ans
- ☐ 1. ii and iii
 - ☒ 2. i, ii and iii
 - ☐ 3. i
 - ☐ 4. i and iii

Question ID : 59445924809

Status : Not Answered

Chosen Option : --

Q.92 Which of the following statement is FALSE?

- Ans
- ☐ 1. RAID provides different levels for error protection, data redundancy and performance
 - ☒ 2. RAID is an expensive technology as compared to NAS and SAN
 - ☐ 3. All RAID levels above level 0 provide protection against unrecoverable sector read errors
 - ☐ 4. All RAID levels above level 0 provide mirroring capability

Question ID : 59445924814

Status : Not Answered

Chosen Option : --

Q.93 Which of the following best describes traffic shaping?

Ans ☒ 1.

Prevention of congestion by making packet transmission rate more predictable

☒ 2. Retransmission of all packets if a sender times out early

☒ 3.

Removal of congestion by making packet transmission rate more predictable

☒ 4. Discarding few packets for controlling traffic

Question ID : 59445924858

Status : Not Answered

Chosen Option : --

Q.94 If one of the addresses in the subnet is 167.199.170.82/27, what will be the first address in the subnet?

Ans ☒ 1. 167.199.170.95/27

☒ 2. 167.199.170.255/27

☒ 3. 167.199.170.82/27

☒ 4. 167.199.170.64/27

Question ID : 59445924872

Status : Not Answered

Chosen Option : --

Q.95 If an ISP has requested a block of 1000 addresses, which of the following blocks would you allocate to the ISP?

Ans ☒ 1. 18.14.12.0/26

☒ 2. 18.14.12.0/28

☒ 3. 18.14.12.0/22

☒ 4. 18.14.12.0/24

Question ID : 59445924874

Status : Not Answered

Chosen Option : --

Q.96 If we are to repeatedly ping kicit.com (192.168.100.2) which command will you use?

Ans ☒ 1. ping 192.168.100.2

☒ 2. ping www.kicit.com -t

☒ 3. ping -r

☒ 4. ping www.kicit.com

Question ID : 59445924851

Status : Not Answered

Chosen Option : --