

## COMPUTER NETWORKS

**Q No. 1.** Which command encrypts all plaintext passwords access on a switch?

- A)enable secret
- B)login
- C)secret
- D) service password-encryption

**Q No. 2.** Physical management port that provides out-of-band access to a Cisco device is?

- A)Console
- B)Telnet
- C)SSH
- D)Aux

**Q No. 3.** What is the general term that is used to describe a piece of data at any layer of a networking model?

- A)Frame
- B)Protocol Data Unit
- C)Segment
- D)Packet

**Q No. 4.** When data is encoded as pulses of light, which media is being used to transmit the data?

- A)Wireless
- B)Fiber Optic
- C)Copper
- D)Co-axial

**Q No. 5.** What is the command to assign the name "Sw-CP08" to a switch?

- A)host name Sw-CP08
- B)name Sw-CP08
- C)devicename Sw-CP08
- D)hostname Sw-CP08

**Q No. 6.** what is the name of PDU in Network Layer

- A)Frame
- B)Segment
- C)Packet
- D)Bit

**Q No. 7.** What process is used to place one message inside another message for transfer from the source to the destination?

- A)Flow Control
- B)Access Control
- C)Encapsulation
- D)Decoding

**Q No. 8.** Which media uses patterns of microwaves to represent bits?

- A)Copper
- B)Wireless
- C)Fiber-Optic
- D)Coaxial

**Q No. 9.** Which of the following wireless standards is used for Personal Area Networks (PANs)

- A)Zigbee
- B)WiMAX
- C)Wi-Fi
- D)Bluetooth

**Q No. 10.** Which of the following wireless standards is best suited for industrial and IoT environments?

- A)Zigbee
- B)WiMAX
- C)Wi-Fi
- D)Bluetooth

**Q No. 11.** Which is the decimal equivalent to the 11100000?

A)192

B)168

C)240

D)224

**Q No. 12.** MAC Address and IPv6 are represented in which number system?

A)Hexadecimal

B)Decimal

C)Binary

D)Octel

**Q No. 13.** Which is the binary equivalent to the 168?

A)10100000

B)10101010

C)10010011

D)10101000

**Q No. 14.** What feature automatically negotiates the best speed and duplex setting between interconnecting devices?

A)Auto-MDIX

B)Autobots

C)Autonegotiation

D)autotune

**Q No. 15.** Device addresses in Data link layer are referred to as?

A)Physical Address

B)Logical Address

C)IP Address

D)IPv6 Address

**Q No. 16.** What is the size of a MAC Address?

- A)128 bit
- B)48 bit
- C)64 bit
- D)32 bit

**Q No. 17.** Which command is used to move from privileged EXEC mode to Global Configuration mode?

- A)configure terminal
- B)interface fa0/1
- C)enable
- D)ctrl+z

**Q No. 18.** Which command could be used on a Cisco router to view its ARP table?

- A)arp -a
- B)arp -d
- C)show arp table
- D)show ip arp

**Q No. 19.** Which protocol is used to determine the MAC address of a known destination device with IPv6 address

- A)DHCP
- B)ARP
- C)DNS
- D)ND

**Q No. 20.** Which OSI layer sends segments to be encapsulated in an IPv4 or IPv6 packet?

- A)Data link layer
- B)Network layer
- C)Transport layer
- D)Session layer

**Q No. 21.** Where is the ARP table stored on a device?

- A)ROM
- B)Flash
- C)NVRAM
- D)RAM

**Q No. 22.** What is used when the host wants to send a packet to a device on another network?

- A)next hop address
- B)default route
- C)default gateway
- D)routing table

**Q No. 23.** If a network device has a mask of /28, how many IP addresses are available for hosts on this network?

- A)254
- B)16
- C)14
- D)62

**Q No. 24.** A network administrator subnets the 192.168.10.0/24 network into subnets with /26 masks. How many equal-sized subnets are created?

- A)8
- B)16
- C)1
- D)4

**Q No. 25.** Which utility uses the Internet Control Messaging Protocol (ICMP)?

- A)ping
- B)NTP
- C)RIP
- D)DNS

## OOPS with C,C++

**Q No. 1.** The \_\_\_\_\_ is the collection of interacting objects.

- A) Procedure oriented programming
- B) Object oriented programming
- C) Structured Oriented programming
- D) Object based programming

**Q No. 2.** The original name of C++ language was

- A) C with classes
- B) classes
- C) C
- D) C with oops

**Q No. 3.** The \_\_\_\_\_ is the object used for displaying the values into the mointor

- A) cout
- B) cin
- C) printf
- D) scanf

**Q No. 4.** The cin and cout objects require the header file to include.

- A) conio.h
- B) iostream.h
- C) Math.h
- D) stdio.h

**Q No. 5.** The do-while loop is useful when we want the statements within the loop must be executed.

- A) Only once
- B) At least once
- C) More than Once
- D) Multiple times

**Q No. 6.** Which of the following never requires any arguments?

- A) Member function
- B) friend function
- C) default constructor
- D) parameterized constructor

**Q No. 7.** The constructor should be declared in \_\_\_\_\_ section

- A) private
- B) public
- C) protected
- D) none

**Q No. 8.** Which of the following function is called when an object is being created?

- A) constructor
- B) virtual function
- C) destructor
- D) main

**Q No. 9.** How many default constructors per class are possible?

- A) One
- B) two
- C) three
- D) unlimited

**Q No. 10.** The \_\_\_\_\_ constructor will take reference of its own class objects

- A) Friend
- B) default constructor
- C) parameterized constructor
- D) copy constructor

**Q No. 11.** Which one refers explicit call

- A)interger int1(0,100)
- B)integer int1=integer (0,100)
- C)both
- D)none

**Q No. 12.** Which one refers implicit call

- A)interger int1(0,100)
- B)integer int1=integer (0,100)
- C)both
- D)none

**Q No. 13.** The \_\_\_\_\_ member function is used to destroy the object created by a constructor

- A)destructor
- B)virtual
- C)class
- D)constructor

**Q No. 14.** The \_\_\_\_\_members cannot be inherited.

- A)private
- B)public
- C)protected
- D)data member

**Q No. 15.** The method of converting basic datatype into class type is \_\_\_\_\_.

- A)constructor
- B)casting operator
- C)implicit
- D)Explicit



**Q No. 16.** The combination of one or more Inheritance is called \_\_\_\_\_.

- A)single inheritance
- B)Multiple inheritance
- C)Hierarchical inheritance
- D)Hybrid inheritance

**Q No. 17.** A class which is not used to create object is \_\_\_\_\_.

- A)Abstract class
- B)concrete class
- C)Virtual base class
- D)Virtual function

**Q No. 18.** In inheritance the new class is referred as \_\_\_\_\_.

- A)base class
- B)super class
- C)Derived class
- D)class

**Q No. 19.** The method of converting class type to basic type is \_\_\_\_\_.

- A)constructor
- B)casting operator
- C)friend
- D)class

**Q No. 20.** A pure virtual function is\_\_\_\_ function

- A)Derived class function
- B)Do nothing function
- C)Member function
- D)Non member function

**Q No. 21.** For overloading unary operator will not take any \_\_\_\_\_ argument if it is member function.

- A)Implicit
- B)Explicit
- C)Implicit & Explicit
- D)one

**Q No. 22.** The function \_\_\_\_\_ read a binary data from the associated stream.

- A)get()
- B>put()
- C>read()
- D>write()

**Q No. 23.** The length of the object is obtained using the \_\_\_\_\_ operator.

- A)size()
- B>sizeof()
- C>length()
- D>strlen()

**Q No. 24.** ios::out for \_\_\_\_\_ class, meaning open for writing only.

- A)ifstream
- B)ofstream
- C)istream
- D)stream

**Q No. 25.** Division-by-Zero' exception is due to \_\_\_\_\_

- A)try to store a value in an array out of index
- B)divide zero by any number
- C)divide any number by zero
- D)Array out of bound

## SOFTWARE ENGINEERING

**Q No. 1.** Which amongst the following is NOT a characteristic of good software?

- A)Operational
- B)Error Causing
- C)Transitional
- D)Maintenance

**Q No. 2.** The need of \_\_\_\_\_ arises because of higher rate of change in user requirements and environment on which the software is working

- A)SRS
- B)Software Part
- C)Software engineering
- D)Hardware

**Q No. 3.** In which SDLC model, a phase will start only by the completion of previous phase?

- A)Waterfall model
- B)Spiral Model
- C)Agile Model
- D)SCRUM

**Q No. 4.** The SDLC model which provides support for Risk Handling is \_\_\_\_\_.

- A)Waterfall model
- B)Spiral Model
- C)Agile Model
- D)Incremental Model

**Q No. 5.** SDLC Stands for \_\_\_\_\_

- A)Software Development Life Cycle
- B)System Data Life Cycle
- C)Simple Development Life Cycle
- D)Simple Data Life Cycle

**Q No. 6.** In \_\_\_\_ model, a team works in short cycles (called sprints).

- A)Waterfall model
- B)Spiral Model
- C)SCRUM
- D)Incremental Model

**Q No. 7.** Which amongst the following is a type of agile model?

- A)Waterfall model
- B)Spiral Model
- C)SCRUM
- D)Incremental Model

**Q No. 8.** In which step of SDLC, the installing of software on user machines is done?

- A)Communication
- B)Testing
- C)Coding
- D)Implementation

**Q No. 9.** In Waterfall Model, which phase comes after coding?

- A)Requirement Gathering
- B)Testing
- C)System analysis
- D)Implementation

**Q No. 10.** Which amongst the following is the FIRST step in SDLC?

- A)Communication
- B)Testing
- C)Coding
- D)Implementation

**Q No. 11.** The SDLC model in which requirements are divided into multiple standalone modules of the software development cycle is \_\_\_\_\_.

- A)Waterfall model
- B)Spiral Model
- C)Agile Model
- D)Incremental Model

**Q No. 12.** A well-defined, structured sequence of stages in software engineering to develop the intended software product is known as \_\_\_\_\_.

- A)SDLC
- B)SMLC
- C)SFLC
- D)SSLC

**Q No. 13.** Which amongst the following is NOT a quality of SRS?

- A)Correct
- B)Consistent
- C)Modifiable
- D)Repeated

**Q No. 14.** The \_\_\_\_\_ are description of features and functionalities of the target system.

- A)Coding
- B)Software requirements
- C)Testing
- D)Development

**Q No. 15.** Security, Disaster recover and flexibility are the examples for \_\_\_\_\_ requirements.

- A)Non-Functional
- B)Functional
- C)Testing
- D)Coding

**Q No. 16.** Which amongst the following is NOT a part of Requirement Engineering Process?

- A) Feasibility Study
- B) Requirement Gathering
- C) Software Requirement Specification
- D) Coding

**Q No. 17.** SRS stands for\_\_\_\_\_.

- A) Software Requirement Specification
- B) Software Required System
- C) Software Ranked Specification
- D) System Ranked Software

**Q No. 18.** The process to gather the software requirements from client, analyze and document them is known as\_\_\_\_\_.

- A) Requirement engineering
- B) Coding
- C) Testing
- D) Development

**Q No. 19.** The requirement engineering process in which the analysts do a detailed study about whether the desired system and its functionality are feasible to develop is

- A) Feasibility Study
- B) Requirement Gathering
- C) Software Requirement Specification
- D) Coding

**Q No. 20.** The rectangles in DFD represent \_\_\_\_\_.

- A) Flow of Data
- B) Process
- C) Entity
- D) Data Store

**Q No. 21.** An extension of the information hiding concept.

- A) Abstraction
- B) Cohesion
- C) Architecture
- D) Coding

**Q No. 22.** Goal of coding

- A) To translate the design of system into a computer language format
- B) To reduce the cost of later phases
- C) Making the program more readable
- D) all the above

**Q No. 23.** A process of recovering the design, requirement specifications and functions of a product from an analysis of its code.

- A) Software Reverse Engineering
- B) Software Design
- C) Software Requirement Analysis
- D) Portability

**Q No. 24.** In order to perform \_\_\_\_\_ on an application, a tester needs to know the internal workings of it.

- A) Plan Testing
- B) White box testing
- C) Post Testing
- D) black-box testing

**Q No. 25.** Two methods of testing.

- A) Screen Testing and Online Testing
- B) Code Testing & Plan Testing
- C) Black box Testing and White box testing
- D) Pre-Testing and Post Testing

## JAVA PROGRAMMING

**Q No. 1.** Java is released in the year

- A)1972
- B)1995
- C)1969
- D)2000

**Q No. 2.** Collection of elements of same data type is called as \_\_\_\_\_

- A)Array
- B)Class
- C)Structure
- D)None of these

**Q No. 3.** Which of the following is not a features of Java?

- A)Robust
- B)Architectural Neutral
- C)Platform Independent
- D)Procedure Oriented

**Q No. 4.** if  $a=20$  and  $b=15$  then the statement  $x=(a>b)?a:b$ ; will assign value of x

- A)5
- B)15
- C)20
- D)35

**Q No. 5.** Which of the following is an example for Binary Operator

- A) Arithmetic
- B) Increment
- C) Logical Not
- D) Decrement



**Q No. 6.** If you want to write multiple functions in a class with same name, then that Java feature is

- A)Function overriding
- B)Encapsulation
- C)Function overloading
- D)None of these

**Q No. 7.** Which of the following is not an OOPS concept?

- A)Encapsulation
- B)Polymorphism
- C)Abstraction
- D)Exception

**Q No. 8.** In OOPs private,public, protected are

- A)interfaces
- B)classes
- C)method
- D)Access specifiers

**Q No. 9.** Which of the following package is used to includes utility classes like Calendar, Collection, Date?

- A)java.lang
- B)java.net
- C)java.awt
- D)java.util

**Q No. 10.** Which of these access specifiers can be used for a class so that its members can be accessed by a different class in the same package?

- A)public
- B)protected
- C)Both A and B
- D)none of these

**Q No. 11.** Which of these keywords is used to manually throw an exception?

- A)try
- B)finally
- C)catch
- D)throw

**Q No. 12.** Which of the following keyword is used to explicitly raise an Exception?

- A)raise
- B)catch
- C)throw
- D)throws

**Q No. 13.** Which method is used to get current running thread object?

- A)runningThread()
- B)currentThread()
- C)runnableThread()
- D)none of these

**Q No. 14.** Which method is used to check if a thread is running?

- A)isAlive()
- B)run()
- C)keepAlive()
- D)alive()

**Q No. 15.** Default value of a java thread is

- A)0
- B)1
- C)5
- D)10

**Q No. 16.** Which of these packages contain classes and interfaces used for input & output operations of a program?

- A)java.util
- B)java.lang
- C)java.io
- D)all of the above

**Q No. 17.** In java, how many streams are created for us automatically?

- A)2
- B)3
- C)4
- D)5

**Q No. 18.** What will s2 contain after following lines of code? `StringBuffer s1 = "one?;`  
`StringBuffer s2 = s1.append("two?")`

- A)one
- B)two
- C)twoone
- D)onetwo

**Q No. 19.** Which of these is Wrapper class for int type?

- A)Long
- B)Byte
- C)Integer
- D)Short

**Q No. 20.** Which of these methods deletes all the elements from invoking collection?

- A)clear()
- B)reset()
- C)delete()
- D)refresh()

**Q No. 21.** Which of these interface must contain a unique element?

- A)Set
- B)List
- C)Arrays
- D)Collection

**Q No. 22.** Using ListIterator(I) we can perform?

- A)read operation
- B)remove operation
- C)add or update
- D)All the above

**Q No. 23.** Which of these exception is thrown in cases when the file specified for writing is not found?

- A)FileNotFoundException
- B)IOException
- C)FileNotFoundException
- D)None of these

**Q No. 24.** To pass the parameters to the Applet which of the attribute of <applet> tag is used?

- A)param
- B)code
- C)width
- D)height

**Q No. 25.** Which method is automatically called after the browser calls the init method?

- A)start()
- B)stop()
- C)destroy()
- D)paint()

## IoT

**Q No. 1.** What is the frequency rate of z-wave?

- A)908.42 GHz
- B)928.49 GHz
- C)888.42 GHz
- D)708.49 GHz

**Q No. 2.** I2C is a serial protocol for

- A)Single-wire interface
- B)Two-wire Interface
- C)Semi-Conductor Devices
- D)Peripheral Devices

**Q No. 3.** The \_\_\_\_ functions are the core of all the arduino programs and does the bulk of work

- A)setup()
- B)loop()
- C)all of the above
- D)None of these

**Q No. 4.** Current model of Arduino features like:

- A)USB interface
- B)Analog inputs
- C)GPIO pins
- D)All of the above

**Q No. 5.** SPI stands for

- A)Standard Peripheral Interconnection
- B)Standard Peripheral Interface
- C)Serial Peripheral Interafce
- D)Serial Peripheral Interconnection

**Q No. 6.** An actuator is a mechanical device that sets a system into\_\_\_\_\_

- A) Accordance motion
- B) Automotive motion
- C) Analysing motion
- D) Automatic motion

**Q No. 7.** In digitalRead(pin), the results can be as:

- A) HIGH
- B) LOW
- C) Both a & b
- D) None of these

**Q No. 8.** Standard 802.11 g/b/n support \_\_\_\_\_ frequency

- A) 2.4GHz
- B) 5GHz
- C) 2.4 GHz/5GHz
- D) none of the above

**Q No. 9.** What is the correct syntax to include a library in the Arduino IDE?

- A) include libname
- B) include
- C) #include
- D) #include libname

**Q No. 10.** What mode does the ESP8266 WiFi Module switch to when fed the sequence 1 1 to its GPIO-0 and GPIO-2 Pins?

- A) UART Mode
- B) Sleep Mode
- C) Active Mode
- D) Flash Mode

**Q No. 11.** Before uploading the code, we check the Board and the port. Which board option has to be selected while using ESP8266?

A)Arduino Nano

B)Arduino Uno

C)ESP8266

D)NodeMCU0.9

**Q No. 12.** Which keyword is used for function in Python language?

A)Function

B)Def

C)Fun

D)Define

**Q No. 13.** Which one has USB, camera, display, audio, and video connections?

A)Arduino

B)Raspberri Pi

C)X86

D)None of the above

**Q No. 14.** What is the command used for easy using of GNU screen?

A)\$useradd -G {dialout} your\_name

B)Screen Port\_Name115200

C)Minicom -b 115200 -o -D Port\_Name

D)Prompt> # help

**Q No. 15.** How power supply is done to RPi?

A) USB connection

B)Internal battery

C)Charger

D)Adapter

**Q No. 16.** What will be the output of the following Python statement? "a"+"bc"

A)bc

B)abc

C)a

D)bca

**Q No. 17.** What will be the output of the following Python code `x = 'abcd' ; for i in x ; print(i.upper())`

A) a B C D

B)a b c d

C) error

D)A B C D

**Q No. 18.** Cloud computing is a natural evolution of the extensive adoption of \_\_\_\_, service-oriented architecture, autonomic and utility computing.

A)Virtualization

B)Utility

C)non-virtualized

D)Distributed

**Q No. 19.** How many approaches gateway can be installed?

A)2

B)3

C)4

D)5

**Q No. 20.** How many gateway classes are there?

A)2

B)3

C)4

D)5



**Q No. 21.** In cloud computing, you need to measure the impact of IT performance on the business that, by definition, now includes the performance of the \_\_\_\_.

A)Cloud provider

B)Cloud service

C)Cloud recovery

D)Cloud ware

**Q No. 22.** The HTTP response message leaves out the requested object when \_\_\_\_\_ method is used

A)GET

B)POST

C)HEAD

D)PUT

**Q No. 23.** There are \_\_\_\_\_ different versions of IP popularly used.

A)2

B)3

C)4

D)5

**Q No. 24.** Which of the following is present in both an HTTP request line and a status line?

A)HTTP version number

B)URL X

C)METHOD

D)NONE OF THE ABOVE

**Q No. 25.** Which of them is not an attack done in the network layer of the TCP/IP model?

A)MITM attack

B)DoS attack

C>Spoofing attack

D)Shoulder surfing

## CLOUD COMPUTING

**Q No. 1.** \_\_\_\_\_ is a computer network in which each computer's resources are shared with every other computer in the system

- A) Distributed computing
- B) Grid computing
- C) Client-server computing
- D) Utility Computing

**Q No. 2.** Which of the following are the features of cloud computing?

- A) Security
- B) Availability
- C) Large Network Access
- D) All of the mentioned

**Q No. 3.** Cloud Computing Turns

- A) Reduce OPEX and Increase CAPEX
- B) Reduce CAPEX and Increase OPEX
- C) Increase CAPEX and OPEX
- D) Reduce CAPEX and Small increase in OPEX

**Q No. 4.** Cloud computing is a concept that involves pooling physical resources and offering them as which sort of resource?

- A) cloud
- B) real
- C) virtual
- D) hybrid

**Q No. 5.** \_\_\_\_\_ is a computer network in which each computer's resources are shared with every other computer in the system

- A) Distributed computing
- B) Grid computing
- C) Client-server computing
- D) Utility Computing

**Q No. 6.** A \_\_\_\_\_ is a network that consists of autonomous computers that are connected using a distribution middleware

- A) Distributed system
- B) Resource management
- C) Communication
- D) Thread Management

**Q No. 7.** What is the default maximum number of VPCs allowed per region?

- A) 5
- B) 10
- C) 15
- D) 30

**Q No. 8.** A \_\_\_\_\_ in VPC contains a set of rules, called routes, that are used to determine where network traffic is directed.

- A) Gateway table
- B) Switch
- C) Router
- D) Route table

**Q No. 9.** A \_\_\_\_\_ is a group of technologies that are used as a base upon which other applications, processes or technologies are developed

- A) DevOps
- B) Platform
- C) Cloud Computing
- D) PaaS

**Q No. 10.** Imported VM from on-premises could be stored in cloud using \_\_\_\_\_

- A) Amazon S3
- B) Amazon EBS
- C) Amazon EFS
- D) Amazon Glacier

**Q No. 11.** Which among the following is Edge Computing Service of AWS

- A)AWS RDS
- B)AWS EBS
- C)AWS EC2
- D)AWS Snow family

**Q No. 12.** Which among the following is true for EBS Snapshot

- A)EBS snapshots fully support EBS encryption
- B)EBS snapshots partially only support EBS encryption
- C)EBS snapshots doesn't support Encryption
- D)Encryption doesn't applicable to EBS

**Q No. 13.** What are the components of ER diagram?

- A)Entities, Attributes, Relationships
- B)Entities,Process, Connection
- C)Entities, Attributes, Process
- D)None of the above

**Q No. 14.** \_\_\_\_\_ diagram displays the relationships of entity set stored in a database

- A)Entity relationship
- B)Flowchart
- C)Usecase diagram
- D)Data Flow Diagram

**Q No. 15.** AWS S3 upon signup \_\_\_\_\_ is provided for customers in standard storage class

- A)10 GB
- B)5 GB
- C)15 GB
- D)Unlimited

**Q No. 16.** Amazon DynamoDB is a fully managed proprietary?

- A) Centralised database
- B) Commercial database
- C) NoSQL database
- D) Relational database

**Q No. 17.** What are the components of ER diagram?

- A) Entities, Attributes, Relationships
- B) Entities, Process, Connection
- C) Entities, Attributes, Process
- D) None of the above

**Q No. 18.** \_\_\_\_\_ is a data organization, management, and storage format that enables efficient access and modification

- A) Database
- B) Data management
- C) data warehouse
- D) data structure

**Q No. 19.** After augmentation is complete, \_\_\_\_\_ & \_\_\_\_\_ has to be done

- A) Testing & Validation
- B) Error detection & Error Correction
- C) Designing & Development
- D) None of the above

**Q No. 20.** \_\_\_\_\_ is the first step in the migration model

- A) Isolate
- B) Assessment
- C) Re-architect
- D) Mapping

**Q No. 21.** How can your VPC talk with DynamoDB directly?

- A)By using a direct connection
- B)By using a VPN connection
- C)By using a VPN endpoint
- D)By using an instance in the public subnet

**Q No. 22.** Three Components of IAM

- A)User, Groups, and Roles
- B)Users, Roles, and Access management
- C)Users, Roles, and Policies
- D)User, Identity Providers, and Groups

**Q No. 23.** Which of the following DNS record types should you use to associate a domain name with an IP address?

- A)NS
- B)CNAME
- C)TXT
- D)A Record

**Q No. 24.** Ruby is a pure \_\_\_\_\_ programming language

- A)linear programming
- B)structured programming
- C)object-oriented
- D)interpreter

**Q No. 25.** Ruby Developer Center AWS is the developer community where we could \_\_\_\_\_

- A)Build applications using Ruby
- B)Run scripts written in Ruby
- C)Include other AWS resources in Ruby
- D)All of the above

## PYTHON PROGRAMMING

**Q No. 1.** Python programs and modules are written as text files with traditionally a \_\_\_\_extension

- A).py
- B).pt
- C).pyt
- D).pyth

**Q No. 2.** \_\_\_\_\_ is a well worked out coherent dynamic programming language.

- A)Perl
- B)Php
- C)Python
- D)Ruby

**Q No. 3.** How do you start writing a while loop in Python?

- A)x>y while {
- B)while x>y {
- C)while x>y:
- D)while (x>y)

**Q No. 4.** What is a correct syntax to return the first character in a string?

- A)X="Hello"[0]
- B)x="Hello".sub(0,1)
- C)x=sub("Hello",0,1)
- D)x=Hello[0]

**Q No. 5.** How do you start writing an if statement in Python?

- A)if x>y:
- B)if(x>y)
- C)if x>y then:
- D)All the above

**Q No. 6.** Which of these collections defines a LIST?

A){12,445,67,89}

B)[23,56,78,90]

C)(12,23,34,56)

D){12:34,34:56}

**Q No. 7.** Which method can be used to remove any whitespace from both the beginning and the end of a string?

A)strip()

B)trim()

C)len()

D)ptrim()

**Q No. 8.** Which method can be used to return a string in upper case letters?

A)uppercase()

B)upperCase()

C)toUpperCase()

D)upper()

**Q No. 9.** Which statement is used to stop a loop?

A)exit

B)return

C)break

D)stop

**Q No. 10.** How do you start writing a for loop in Python?

A)for each xin y:

B)for x in y:

C)for x>y:

D)for (int i=0;i<10;i++)



**Q No. 11.** What is the correct way to create a function in Python?

A)function fun():

B)def fun():

C)create fun():

D)None of the above

**Q No. 12.** my = (1, 2, 3, 4, 5, 6, 7)

A)list

B)Tuples

C)Array

D)All the above

**Q No. 13.** Reading one line at time\_\_\_\_\_

A)Read

B)Write

C)Readline

D)Writeline

**Q No. 14.** Which Of The Following Command Is Used To Open A File "C:\Temp.Txt" In Read-Mode Only?

A)infile = open("c:\temp.txt", "r")

B) infile = open("c:\\temp.txt", "r")

C)infile = open(file = "c:\temp.txt", "r+")

D) infile = open(file = "c:\\temp.txt", "r+")

**Q No. 15.** Which Of The Following Command Is Used To Open A File "C:\Temp.Txt" In Write-Mode Only?

A)outfile = open(file = "c:\temp.txt", "w+")

B)outfile = open("c:\temp.txt", "w")

C)outfile = open("c:\\temp.txt", "w")

D)outfile = open(file = "c:\\temp.txt", "w+")

**Q No. 16.** Which Of The Following Command Is Used To Open A File "C:\Temp.Txt" In Append-Mode?

- A)outfile = open("c:/temp.txt", "a")
- B)outfile = open("c:\\temp.txt", "rw")
- C)outfile = open("c:\temp.txt", "w+")
- D)outfile = open("c:\\temp.txt", "r+")

**Q No. 17.** When will the else part of try-except-else be executed\_\_\_\_\_

- A)always
- B) when an exception occurs
- C)when no exception occurs
- D)when an exception occurs in to except block

**Q No. 18.** \_\_\_\_\_ used to catch the exception

- A)try bolck
- B)except block
- C)try except else block
- D)finally block

**Q No. 19.** Classes are defined using \_\_\_\_\_

- A)Sub
- B)Call
- C)Class
- D)Object

**Q No. 20.** Which Of The Following Represents A Distinctly Identifiable Entity In The Real World?

- A)A class
- B)An object
- C)A method
- D)A data field

**Q No. 21.** The constructor has a special name

- A)INIT
- B)DEL
- C)CREATE
- D)NEW

**Q No. 22.** \_\_\_\_\_ is an associative container which permits access based on a key, rather than an index.

- A)List
- B)Tuples
- C)Array
- D)Dictionary

**Q No. 23.** \_\_\_\_\_ parameter is the instance for python

- A)This
- B)Open
- C)Self
- D)None of the above

**Q No. 24.** What Relationship Is Appropriate For Fruit And Papaya?

- A)association
- B)composition
- C)inheritance
- D)All of the above

**Q No. 25.** \_\_\_\_\_ is a set of standards that define how information is exchanged between the web server and a custom script.

- A)GUI
- B)CGI
- C)NETWORK
- D)SOCKET

**Q No. 26.** All the CGI Programs to be executed by the \_\_\_\_\_ are kept in a pre-configured directory.

- A) HTTP server
- B) Web server
- C) web client
- D) web browser

**Q No. 27.** \_\_\_\_\_ Is a protocol, which handles sending an e-mail and routing e-mail between mail servers

- A) EMPT
- B) http
- C) ftp
- D) SMTP

**Q No. 28.** When you send a text message using Python, then all the content is treated as \_\_\_\_\_

- A) html tags
- B) simple text
- C) image
- D) CGI

**Q No. 29.** Tkinter is the standard GUI \_\_\_\_\_ for Python

- A) protocol
- B) port
- C) library
- D) host

**Q No. 30.** The most important features in GUI \_\_\_\_\_

- A) Tkinter
- B) JPython
- C) PyQt
- D) ALL THE ABOVE

**Q No. 31.** \_\_\_\_\_ is the term for using a program to download and process content from the Web.

A)Web browser

B)Web page

C)Web scraping

D)Web site

**Q No. 32.** The \_\_\_\_\_ method returns “chunks” of the content on each iteration through the loop.

A)requests.get()

B)write()

C)open(),close()

D)iter\_content()

**Q No. 33.** The \_\_\_\_\_ module lets you easily download files from the Web

A)requests

B)response

C)request

D)None of the above

**Q No. 34.** The module you’ll use to work with PDFs is \_\_\_\_\_

A)PyPDF2.

B)OpenPyXL

C)PDF

D)PIP

**Q No. 35.** Create PDF we use \_\_\_\_\_ object.

A)PdfFileReader

B)PdfFileWriter

C)both A and B

D)None of the above

**Q No. 36.** To extract text \_\_\_\_\_ method need to be used

A)PyPDF2.PdfFileReader()

B)getPage()

C)extractText()

D)All the above

**Q No. 37.** To Decrypting text \_\_\_\_\_ method need to be used

A)decrypt()

B)isdecrypt

C)both A and B

D)None of the above

**Q No. 38.** Which one is NOT a legal variable name?

A)\_myvar

B)my-var

C)My\_var

D)myvar

**Q No. 39.** We can alter the flow of a normal loop by \_\_\_\_.

A)break

B)continue

C)stop

D)break and continue

**Q No. 40.** Which operator can be used to compare two values?

A)=

B)==

C)<>

D)<

**Q No. 41.** Floor Division

- A)/
- B)//
- C)fdiv
- D)floor

**Q No. 42.** my = [1, 2, 3, 4, 5, 6, 7]

- A)list
- B)Tuples
- C)Array
- D)All the above

**Q No. 43.** var = 100 if ( var == 100 ) : print "Value of expression is 100" print "Good bye!"

- A)SYNTAX WRONG
- B)Value of expression is 100 Good bye!
- C)Value of expression is 100
- D)Good bye!

**Q No. 44.** Which operator is used to multiply numbers?

- A)#
- B)%
- C)\*
- D)x

**Q No. 45.** is a null statement for \_\_\_\_\_

- A)pass
- B)goto
- C)end
- D)comment

**Q No. 46.** Which collection is ordered, changeable, and allows duplicate members?

A)LIST

B)SET

C)TUPLE

D)DICTIONARY

**Q No. 47.** Which of these collections defines a TUPLE?

A){12,445,67,89}

B)[23,56,78,90]

C)(12,23,34,56)

D){12:34,34:56}

**Q No. 48.** Which of these collections defines a DICTIONARY?

A){12,445,67,89}

B)[23,56,78,90]

C)(12,23,34,56)

D){12:34,34:56}

**Q No. 49.** Which collection does not allow duplicate members?

A)LIST

B)SET

C)TUPLE

D)DICTIONARY

**Q No. 50.** How do you create a variable with the numeric value 5?

A)X=5

B)X=int(5)

C)x=parseInt()

D)Both a and b



