

FINAL ANSWER KEY

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Question1:-What are the active devices of I generation computer

- A:-Vacuum tubes
- B:-Transister
- C:-Integrated Circuits
- D:-Microprocessor

Correct Answer:- Option-A

Question2:-Which of the following is not a language translator

- A:-Assembler
- B:-Interpreter
- C:-Compiler
- D:-Application

Correct Answer:- Option-D

Question3:-1 Kilobyte = ____ bits

- A:-8 bits
- B:- 2^{10} bits
- C:- 8×2^{10} bits
- D:- 8×2^{16} bits

Correct Answer:-**Question Cancelled**

Question4:-Which one of the following is a volatile memory?

- A:-ROM
- B:-RAM
- C:-EPROM
- D:-EEPROM

Correct Answer:- Option-B

Question5:-Which of the following is an extension of image file?

- A:-exe
- B:-txt
- C:-jpeg
- D:-doc

Correct Answer:- Option-C

Question6:-The term "Pentium" relates to

- A:-Operating system
- B:-Microprocessor
- C:-Hard disk
- D:-Output device

Correct Answer:- Option-B

Question7:-Which of the following is not a flavor of Linux?

- A:-Redhat
- B:-Ubuntu
- C:-Suse
- D:-OS/2

Correct Answer:- Option-D

Question8:-Which of the following is used to keep a process running in background even after the user logout from shell?

- A:-bg
- B:-hup
- C:-&
- D:-nohup

Correct Answer:- Option-D



Question9:-On successful execution, fork returns ____ to parent process

- A:-0
 - B:-1
 - C:-Child process id
 - D:-Parent process id
- Correct Answer:- Option-C

Question10:-Which of the following is used to display the content of a file in octal format?

- A:-cat
 - B:-oct
 - C:-od
 - D:-octal
- Correct Answer:- Option-C

Question11:-What will be the output of the program?

```
#include <stdio.h>
main()

{
    float b=5, h=2, a;
    a = 1/2 * b * h;
    printf("%f",a);
}
```

- A:-10
 - B:-10.000000
 - C:-0
 - D:-0.000000
- Correct Answer:- Option-D

Question12:-Default return type of a function is

- A:-null
 - B:-void
 - C:-int
 - D:-float
- Correct Answer:- Option-C

Question13:-Which of the following is the last character of a string

- A:-\0
 - B:-\n
 - C:-\t
 - D:-none of these
- Correct Answer:- Option-A

Question14:-Name of an array returns ____

- A:-First element of the array
 - B:-Size of the array
 - C:-Number of elements of the array
 - D:-Base address of the array
- Correct Answer:- Option-D

Question15:-What will be the output of the following program segment?

```
#include <stdio.h>
main()
{
    int i;
    for (i = 3; i <5; i++);
    printf("%d",i);
}
```

- A:-3, 4
 - B:-5
 - C:-4
 - D:-None of these
- Correct Answer:- Option-B

Question16:-What will be the output of the following program segment

```
#include <stdio.h>
main()
{   int z, x = 4, y = -10, a=4, b=2;
    z = x++ - --y*b/a;
    printf("%d",z);
}
```

- A:-6
- B:-7
- C:-8
- D:-9

Correct Answer:- Option-D

Question17:-What will be the output?

```
main()
{   union stud
    {   char name [10];
        int regno;
        int mark1;
        int mark2;
    } st;
    printf("%d,sizeof(st));
```

- A:-16
- B:-0
- C:-12
- D:-10

Correct Answer:- Option-D

Question18:-What is the return value of malloc()?

- A:-size of the allocated memory
- B:-base address of the allocated memory
- C:-1 if memory allocation is success
- D:-none of these

Correct Answer:- Option-B

Question19:-Which of the following header file must be included to use dynamic memory allocation functions?

- A:-dos.h
- B:-stdio.h
- C:-stdlib.h
- D:-memory.h

Correct Answer:- Option-C

Question20:-What will be the data type returned by the following function?

```
#include<stdio.h>
int func()
{
    return (float)(char)8.3;
}
```

- A:-int
- B:-float
- C:-char
- D:-multiple typecasting not allowed

Correct Answer:- Option-A

Question21:-What will be the output of the following program

```
#include<stdio.h>
main()
{   int a=5b *3 % 6 - 8 + 3;
    printf("%d",a);
}
```

- A:-10
- B:-2
- C:--2
- D:-3

Correct Answer:-**Question Cancelled**

Question22:-Information on basic system configuration is stored in

- A:-BIOS

B:-CMOS

C:-CONFIG.SYS

D:-ROM

Correct Answer:- Option-B

Question23:-Where do PC store CMOS settings?

A:-RAM

B:-Flash ROM

C:-South bridge

D:-NVRAM

Correct Answer:- Option-B

Question24:-How can you remove a CMOS password?

A:-Flash the BIOS

B:-Change the system clock to 00/00/0000

C:-Sent it back to factory

D:-Remove jumper on the mother board

Correct Answer:- Option-D

Question25:-Power-on self-test checks all of the flowing except

A:-CPU

B:-Memory

C:-Modem

D:-Video

Correct Answer:- Option-C

Question26:-Which of the following is a special database that holds key information about your system including the device drivers?

A:-BOOT.INI

B:-CONFIG.SYS

C:-SYSTEM.INI

D:-Registry

Correct Answer:- Option-D

Question27:-IDE cables have how many pins?

A:-24

B:-32

C:-40

D:-64

Correct Answer:- Option-C

Question28:-Which controller support an external CD drive?

A:-ESDI

B:-MFM

C:-SCSI

D:-ARLL

Correct Answer:- Option-C

Question29:-Which of the following describes a fragmented hard disk?

A:-Files are corrupted

B:-Clusters of data are damaged

C:-Storage media is damaged

D:-Files are not stored in consecutive clusters

Correct Answer:- Option-D

Question30:-A 16 bit address bus can generate ____ addresses.

A:-65536

B:-32768

C:-32767

D:-None of these

Correct Answer:- Option-A

Question31:-The size of registers of 8086 microprocessor.

A:-12 bits

B:-8 bits

C:-16 bits

D:-32 bits

Correct Answer:- Option-C

Question32:-If there is a carry from lowest nibble during addition, ____ flag is set.

- A:-Carry flag
- B:-Overflow Flag
- C:-Auxiliary carry
- D:-Sign flag

Correct Answer:- Option-C

Question33:-The number of address and data lines of 8086

- A:-8 and 8
- B:-16 and 16
- C:-20 and 16
- D:-16 and 20

Correct Answer:- Option-C

Question34:-Which directory contains configuration files in linux?

- A:-/bin/
- B:-/etc/
- C:-/root/
- D:-/dev/

Correct Answer:- Option-B

Question35:-On successful completion, fork() returns ____ to the parent process.

- A:-0
- B:-1
- C:-1
- D:-Process ID of child process

Correct Answer:- Option-D

Question36:-What will be the output of the following program?

```
static int a = 3;
void main()
{
    a = 5;
    {
        int a = 7;
    }
    printf("%d",a);
}
```

- A:-3
- B:-5
- C:-7
- D:-12

Correct Answer:- Option-B

Question37:-Default storage class of a variable declaration is ____

- A:-auto
- B:-extern
- C:-static
- D:-register

Correct Answer:- Option-A

Question38:-Fast access to data items available in a database file can be provided through

- A:-Index file
- B:-data file
- C:-data dictionary
- D:-metadata file

Correct Answer:- Option-C

Question39:-The term ____ is used to refer to a row in a table

- A:-fields
- B:-attributes
- C:-Tuple
- D:-none of these

Correct Answer:- Option-C

Question40:-Which one of the follow is not a RDBMS?

- A:-Foxpro
- B:-Oracle

C:-Mysql

D:-Sql server

Correct Answer:- Option-A

Question41:-Which one of the following is used to create a virtual relation for storing a query?

A:-view

B:-function

C:-procedure

D:-table

Correct Answer:- Option-A

Question42:-which one of the following option clause is used with view to reject the tuples that do not satisfy the "where condition"?

A:-with

B:-with check

C:-check

D:-none of these

Correct Answer:- Option-B

Question43:-When using Foreign Key, the ____ of one relation is referenced in another relation

A:-Foreign Key

B:-Primary Key

C:-Check constraint

D:-None of these

Correct Answer:- Option-B

Question44:- ____ is the preferred method for enforcing data integrity

A:-Constraints

B:-Triggers

C:-Cursors

D:-Stored Procedure

Correct Answer:- Option-A

Question45:-What values does the count(*)function ignore?

A:-null values

B:-Integer

C:-character

D:-none of these

Correct Answer:- Option-A

Question46:-The ____ statement is used in SQL for authorization

A:-implement

B:-revoke

C:-grant

D:-none of these

Correct Answer:- Option-C

Question47:- ____ is executed when a table is modified

A:-procedure

B:-function

C:-trigger

D:-none of these

Correct Answer:- Option-C

Question48:-Which of the following command is used to delete a particular column in a relation?

A:-DELETE

B:-ALTER

C:-UPDATE

D:-DROP

Correct Answer:- Option-B

Question49:-A transaction completes its execution is said to be

A:-Saved

B:-Rolled

C:-Committed

D:-Loaded

Correct Answer:- Option-C

Question50:-The language used in application program to request for data from DBMS is



- A:-DDL
- B:-DML
- C:-DCL
- D:-all of these

Correct Answer:- Option-B

Question51:-Which of the following is NOT related to OOP?

- A:-Encapsulation
- B:-Data Abstraction
- C:-Data Hiding
- D:-Data Dictionary

Correct Answer:- Option-D

Question52:-In a class defined using an Object Oriented Programming language:

- A:-All data and functions should be public to maximise flexibility and ease of use
- B:-Nearly all data should be private and most functions should be public
- C:-Nearly all data should be public and most functions should be private
- D:-All data must be private, but functions are neither private nor public

Correct Answer:- Option-B

Question53:-Which among the following is an Object-Oriented Programming language?

- A:-Java
- B:-Simula 67
- C:-Smalltalk
- D:-All the above

Correct Answer:- Option-D

Question54:-_____ are the basic run times entities in an object-oriented system.

- A:-Objects
- B:-Classes
- C:-Functions
- D:-All the above

Correct Answer:- Option-A

Question55:-Operator Overloading

- A:-Defines a new meaning to an existing operator
- B:-Enables operators to work with objects
- C:-Implements polymorphism
- D:-All of the above

Correct Answer:- Option-D

Question56:-Virtual function in C++ implements _____

- A:-Inheritance
- B:-Polymorphism
- C:-Data hiding
- D:-None of the above

Correct Answer:- Option-B

Question57:-Multiple inheritance can be achieved in Java using _____

- A:-Applets
- B:-Servlets
- C:-Interface
- D:-Swing

Correct Answer:- Option-C

Question58:-Which of the following statements is TRUE about constructors?

- A:-Constructors are automatically invoked when objects of the class are created
- B:-Constructors can be overloaded
- C:-The return type of constructors is void ()
- D:-Both (A) and (B)

Correct Answer:- Option-D

Question59:-Wrapping up of data and associated functions into one single unit is called

- A:-Abstraction
- B:-Encapsulation
- C:-Data Hiding
- D:-Polymorphism

Correct Answer:- Option-B

Question60:-Which among the following OOP feature promotes code reusability?

- A:-Data Hiding
- B:-Polymorphism
- C:-Inheritance
- D:-Late Binding

Correct Answer:- Option-C

Question61:-Private members of a class are accessible to:

- A:-Member functions of that class
- B:-Friend functions of that class
- C:-All functions in the program
- D:-Both (A) and (B)

Correct Answer:- Option-D

Question62:-A class which is not used to create objects, but is designed to act as a base class to be inherited by other classes is called:

- A:-Abstract class
- B:-Virtual base class
- C:-Template class
- D:-None of the above

Correct Answer:- Option-A

Question63:-Which of the following programs in UNIX helps us to configure a machine as a proxy server?

- A:-Apache
- B:-Poff
- C:-Synaptic
- D:-Squid

Correct Answer:- Option-D

Question64:-The maximum number of class A networks possible according to the IPv4 addressing scheme is:

- A:-32
- B:-64
- C:-126
- D:-256

Correct Answer:- Option-C

Question65:-172.0.14.87 is a Class ____ address

- A:-Class A
- B:-Class B
- C:-Class C
- D:-Class D

Correct Answer:- Option-B

Question66:-In IPv6 address is a ____ bit address

- A:-32
- B:-64
- C:-128
- D:-256

Correct Answer:- Option-C

Question67:-How fast can CAT 6 cable transfer data?

- A:-Upto 10 Mbps
- B:-Upto 100 Mbps
- C:-Upto 1 Gbps
- D:-Upto 10 Gbps

Correct Answer:- Option-D

Question68:-The number of half duplex links required to connect five computers in mesh topology is:

- A:-25
- B:-20
- C:-10
- D:-15

Correct Answer:- Option-B

Question69:-A network device that connects dissimilar networks by providing the translation from one set of protocols to another is:

- A:-Switch
- B:-Router

C:-Gateway

D:-Modem

Correct Answer:- Option-C

Question70:-Which among the following protocols is used for translating from IP address to MAC address?

A:-ICMP

B:-ARP

C:-RARP

D:-IGRP

Correct Answer:- Option-B

Question71:-The input and output ports of a router perform the ____ layer functions:

A:-Physical and Data link

B:-Network

C:-Both (A) and (B)

D:-None of the above

Correct Answer:- Option-A

Question72:-Transport Layer is responsible for ____ delivery of data:

A:-Node to node

B:-Process to process

C:-Hop to hop

D:-All of the above

Correct Answer:- Option-B

Question73:-A firewall is used in a network to:

A:-Prevent fire in a network

B:-To scan for viruses in files

C:-Prevent unauthorized access to the network

D:-None of the above

Correct Answer:- Option-C

Question74:-The maximum number of active devices in a Piconet is:

A:-4

B:-6

C:-7

D:-8

Correct Answer:- Option-D

Question75:-Which of the following is a private network?

A:-LAN

B:-WAN

C:-MAN

D:-None of the above

Correct Answer:- Option-A

Question76:-The IEEE standard for Wireless LAN is:

A:-IEEE 802.3

B:-IEEE 802.4

C:-IEEE 802.11

D:-IEEE 802.7

Correct Answer:- Option-C

Question77:-A protocol that allows non-ASCII messages to be sent through e-mails:

A:-MIME

B:-IMAP

C:-POP3

D:-SMTP

Correct Answer:- Option-A

Question78:-A sniffer is

A:-A protocol

B:-A virus

C:-A program that monitors and analyzes network traffic

D:-None of the above

Correct Answer:- Option-C

Question79:-Providing, managing and maintaining hardware, software, content integrity, security and reliable high speed connection for a website is called:



- A:-Web hosting
- B:-Web Browsing
- C:-Web Crawling
- D:-Navigation

Correct Answer:- Option-A

Question80:-The system that helps users to identify host computers in a network by their names instead of their IP addresses is:

- A:-TCP
- B:-DNS
- C:-PPP
- D:-ARP

Correct Answer:- Option-B

Question81:-A computer virus that copies itself to the beginning of the hard disk, where it is automatically executed when the system is turned ON is called _____

- A:-Worm
- B:-Trojan Horse
- C:-Boot sector virus
- D:-None of the above

Correct Answer:- Option-C

Question82:-What is a trap door in a program?

- A:-A security hole inserted while writing the program, which is intended for later use
- B:-An error in the program
- C:-Security hole in a network
- D:-None of the above

Correct Answer:- Option-A

Question83:-Honeytrap is an example for

- A:-Security auditing software
- B:-Intrusion detection software
- C:-Encryption software
- D:-Virus

Correct Answer:- Option-B

Question84:-Which feature of cloud computing allows the service to change in size or volume in order to meet user's needs?

- A:-Scalability
- B:-Security
- C:-Virtualization
- D:-Cost savings

Correct Answer:- Option-A

Question85:-DoS is the acronym for

- A:-Denial of Security
- B:-Delivery of Service
- C:-Denial of Service
- D:-Delivery of Security

Correct Answer:- Option-C

Question86:-Which among the following is NOT a web browser?

- A:-Microsoft Edge
- B:-Google Chrome
- C:-Mozilla Firefox
- D:-None of the above

Correct Answer:- Option-D

Question87:-URL stands for _____

- A:-Universal Resource Locator
- B:-Uniform Resource Locator
- C:-Unified Resource Locator
- D:-Universal Route Locator

Correct Answer:- Option-B

Question88:-What should be the first tag in any HTML document?

- A:-<head>
- B:-<title>
- C:-<document>

D:-<html>

Correct Answer:- Option-D

Question89:-Domain names used by commercial establishments usually have the suffix _____

A:-.com

B:-.org

C:-.ac.in

D:-.gov.in

Correct Answer:- Option-A

Question90:-Choose the correct HTML tag to make the text bold:

A:-

B:-<bold>

C:-

D:-Both (A) and (B)

Correct Answer:- Option-A

Question91:-Marquee is a tag in HTML used to:

A:-Mark the list of items to maintain in queue

B:-Mark the text so that it is hidden in browser

C:-Display text with scrolling effect

D:-None of the Above

Correct Answer:- Option-C

Question92:-CSS is an acronym for

A:-Cascading Style Sheet

B:-Cascading Style System

C:-Cascading server Sheet

D:-None of the above

Correct Answer:- Option-A

Question93:-Which of the following statements is TRUE about JavaScript?

A:-JavaScript is designed to add style to HTML pages

B:-JavaScript is designed to add interactivity to HTML pages

C:-JavaScript is used to perform server side scripting operations

D:-None of the Above

Correct Answer:- Option-B

Question94:-_____ is a built-in JavaScript function which can be used to execute another function after a given time interval.

A:-Timeout()

B:-TimeInterval()

C:-setTimeout()

D:-All of the above

Correct Answer:- Option-C

Question95:-A dynamic web page is

A:-Displayed the same every time

B:-Generated on demand by a program on a request from browser

C:-Both (A) and (B)

D:-None of the above

Correct Answer:- Option-B

Question96:-Which of the following is NOT TRUE about PHP?

A:-PHP can be used to develop web applications

B:-PHP makes a website dynamic

C:-PHP applications cannot be compiled

D:-PHP cannot be embedded into HTML

Correct Answer:- Option-D

Question97:-PHP scripts are enclosed with _____

A:-<php>...</php>

B:-<?php...?>

C:-?php...?php

D:-<p>...</p>

Correct Answer:- Option-B

Question98:-Which of the following is the correct statement to create an array in PHP?

- (i) `state[0] = "Kerala";`
- (ii) `$state[] = array("Kerala");`
- (iii) `$state[0] = "Kerala";`
- (iv) `$state = array("Kerala");`

A:-(iii) and (iv)

B:-(ii) and (iii)

C:-Only (iv)

D:-(ii), (iii) and (iv)

Correct Answer:- Option-A

Question99:-Which one of the following PHP functions allow user-defined functions to accept variable length argument lists?

A:-`func_get_argv()`

B:-`func_get_args()`

C:-`get_argv()`

D:-`get_args()`

Correct Answer:- Option-B

Question100:- _____ is the concatenation operator in PHP

A:-.(dot)

B:-+

C:-=

D:-^

Correct Answer:- Option-A