**General English**

1.

Choose the correct antonym of the given word "Grandiose"

(A)

Heavy

(B)

Proud

(C)

Simple

(D)

Clumsy

<mark>Ans:: Simple</mark>

2.

Choose the correct synonym of the given word: "Candid"

(A)
Anxious

(B)
Frank

(C)
Experienced

(D)
Secretive

<mark>Ans:: Frank</mark>

3.
My relations_____Suganya are good.

(A)
against

(B)
with

(C)
on

(D)
to

<mark>Ans:: with</mark>

4.
Many young men were____at street corners for the coffee bar to open.

(A)
hanging about

(B)
hanging on

(C)
hanging back

(D)
hanging out

<mark>Ans:: hanging about</mark>

5.

The doctor had examined him.

(A)

He was examined by the doctor.

(B)

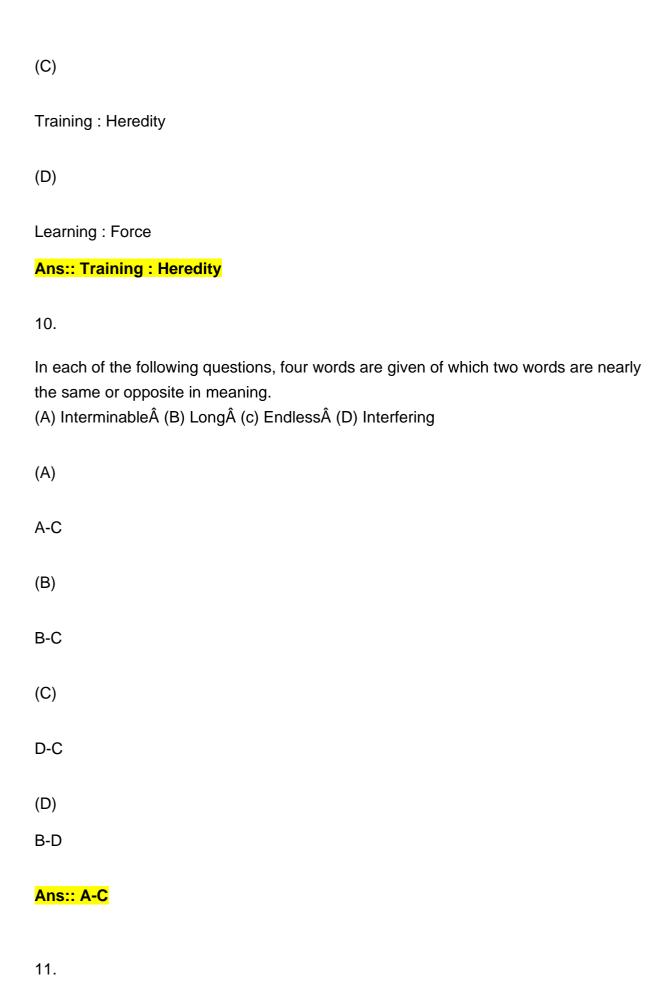He had been examined by the doctor.

(C)

He has been examined by the doctor.

(D)

He have been examined by the doctor.

6.
To beat about the bush

(A)
To avoid coming to the point

(B)
To boast about oneself

(C)
To punish an innocent person

(D)
Get to the point

7.

Anathematise
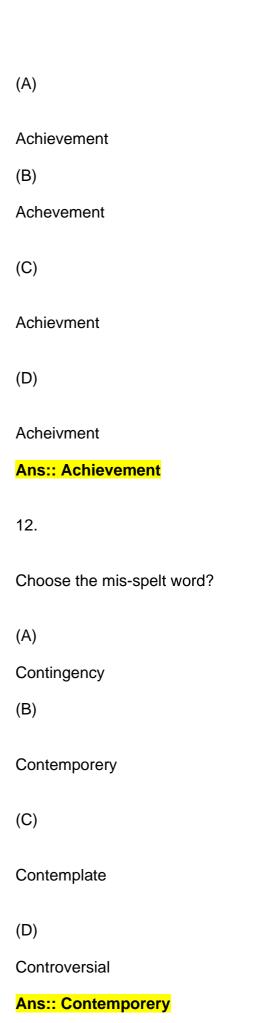
(A)

Locate

(B)

Deceive

(C)

Bless

(D)

Radiate

<mark>Ans:: Bless</mark>

8.

He was quite sure that none of them were aware of the truth.

(A)

had aware of

(B)

were beware of

(C)

was aware of

(D)

were aware from

<mark>Ans:: was aware of</mark>

9.

Habits : Instinct ::_____ : _____

(A)

Work : Play

(B)

Birds : Animals

(C)

Training : Heredity

(D)

Learning : Force

**Ans:: Training : Heredity**

10.

In each of the following questions, four words are given of which two words are nearly the same or opposite in meaning.
(A) Interminable (B) Long (c) Endless (D) Interfering

(A)

A-C

(B)

B-C

(C)

D-C

(D)

B-D

**Ans:: A-C**

11.

Choose the correctly spelt word?

(A)

Achievement

(B)

Achevement

(C)

Achievment

(D)

Acheivment

**Ans:: Achievement**

12.

Choose the mis-spelt word?

(A)

Contingency

(B)

Contemporery

(C)

Contemplate

(D)

Controversial

**Ans:: Contemporery**

13.

Though he was only a child
(P)  he often worked much harder
(Q)  than was either necessary
(R)  in order to please his parents
(S)  or good for him


(A)


RQSP


(B)

RPQS


(C)

PRSQ


(D)


PRQS

**Ans:: RPQS**

14.

He always stammers in public meetings, but his today's speech _____


(A)

was not received satisfactorily

(B)

was not liked by the audience

(C)

was fairly audible to everyone present in the hall

(D)

was surprisingly fluent

15.

I said to my friend, "Can you swim"?

(A)

I asked my friend whether he could swim.

(B)

I asked my friend whether he can be swim.

(C)

I asked my friend whether he can swim.

(D)

I asked my friend whether he could be swim.

**Numerical Ability**

16.

The average of a group of men is increased by 5 years when a person aged of 18 years is replaced by a new person of aged 38 years. How many men are there in the group?

(A)

3

(B)

4

(C)

5

(D)

6

<mark>Ans:: 4</mark>

17.

The speed of a boat in still water in 15 km/hr and the rate of current is 3 km/hr. The distance travelled downstream in 12 minutes is:

(A)

1.2 km

(B)

1.8 km

(C)

2.4 km

(D)

3.6 km

<mark>Ans:: 3.6 km</mark>

18.

At what time between 5:30 and 6 will the hands of a clock be at right angles?

(A)

$43\dfrac{5}{11}$ min. past 5

(B)

$43\dfrac{7}{11}$ min. past 5

(C)

40 min. past 5

(D)

45 min. past 5

**Ans::** $43\dfrac{7}{11}$ **min. past 5**

19.
$$\dfrac{.009}{?} = .01$$

(A)
.0009

(B)
.09

(C)

.9

(D)

9

20.

The angle of elevation of the top of a tower from a certain point is 30°. If the observed moves 20 m towards the tower, the angle of elevation the angle of elevation of top of the tower increases by 15°. The height of the tower is

(A)

17.3 m

(B)

21.9 m

(C)
27.3 m

(D)
30 m

21.

What is the difference between the simple interest on a principal of Rs. 500 being calculated at 5% per annum for 3 years and 4% per annum for 4 years?

(A)

Rs. 5

(B)

Rs. 10

(C)

Rs. 20

(D)

Rs. 40

22.

7 - 6 , where n is an integer >0, is divisible by

(A)

13

(B)

127

(C)

559

(D)

34

23.

The cost of an article was Rs.75. The cost was first increased by 20% and later on it was reduced by 20%. The present cost of the article is:

(A)

Rs. 72

(B)
Rs. 60

(C)

Rs. 75

(D)

Rs. 76

**Ans:: Rs. 72**

24.

Six years ago, the ratio of the ages of Kunal and Sagar was 6 : 5. Four years hence, the ratio of their ages will be 11 : 10. What is Sagar's age at present?

(A)

16 years

(B)

18 years

(C)

20 years

(D)

25 years

25.

Two trains of equal length are running on parallel lines in the same direction at 46 km/hr and 36 km/hr. The faster train passes the slower train in 36 seconds. The length of each train is:

(A)

50 m

(B)

72 m

(C)

80 m

(D)

82 m

**Ans:: 50 m**

26.

A shopkeeper marks his goods 30% above his cost price but allows a discount of 10% at the time of sale. His gain is:

(A)
21%

(B)

20%

(C)

18%

(D)

17%

27.

If the fifth term of a GP is 81 and first term is 16, what will be the 4 term of the GP?

(A)

36

(B)

18

(C)

54

(D)

24

28.
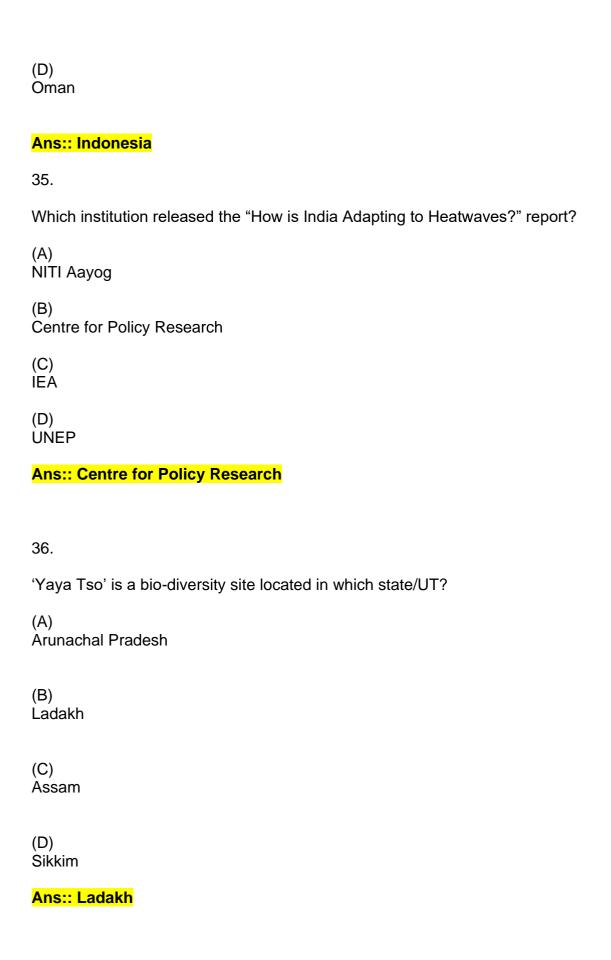
If A : B = 2 : 3 and B : C = 4 : 5 then A : B : C is

(A)

2 : 3 : 5

(B)

5 : 4 : 6

(C)

8 : 12 : 15

(D)

6 : 4 : 5

Ans:: 8 : 12 : 15

29.

Ravi and Ajay start simultaneously from a place A towards B 60 km apart. Ravi's speed is 4km/h less than that of Ajay. Ajay, after reaching B, turns back and meets Ravi at a places 12 km away from (B) Ravi's speed is:

(A)

12 km/h

(B)
10 km/h

(C)

8 km/h

(D)

6 km/h

Ans:: 8 km/h

30.

If 10 men can do a piece of work in 12 days, the time taken by 12 men to do the same piece of work will be:

(A)

12 days

(B)

10 days

(C)

9 days
(D)

8 days

<mark>Ans:: 10 days</mark>

**General Knowledge**

31.
Which Union Ministry is associated with 'Endorsements Know-hows! Guidelines'?

(A)
Ministry of Consumer Affairs

(B)

Ministry of Agriculture and Farmers welfare

(C)

Ministry of Home Affairs

(D)

Ministry of Corporate Affairs

<mark>Ans:: Ministry of Consumer Affairs</mark>

32.

'Incident Management Services' is associated with which Union Ministry?

(A)
Ministry of Home Affairs

(B)
Ministry of Road Transport and Highways

(C)
Ministry of Housing and Urban Affairs

(D)
Ministry of Agriculture and Farmers welfare

**Ans:: Ministry of Housing and Urban Affairs**

33.

Which bank unveiled its 'Next-gen Contact Center' for personalised customer experience?

(A)
Canara Bank

(B)
State Bank of India

(C)
Punjab National Bank

(D)
Axis Bank

**Ans:: State Bank of India**

34.

Port Tanjung Benoa, where INS Sumedha visited recently for a Maritime Partnership Exercise, is located in which country?

(A)
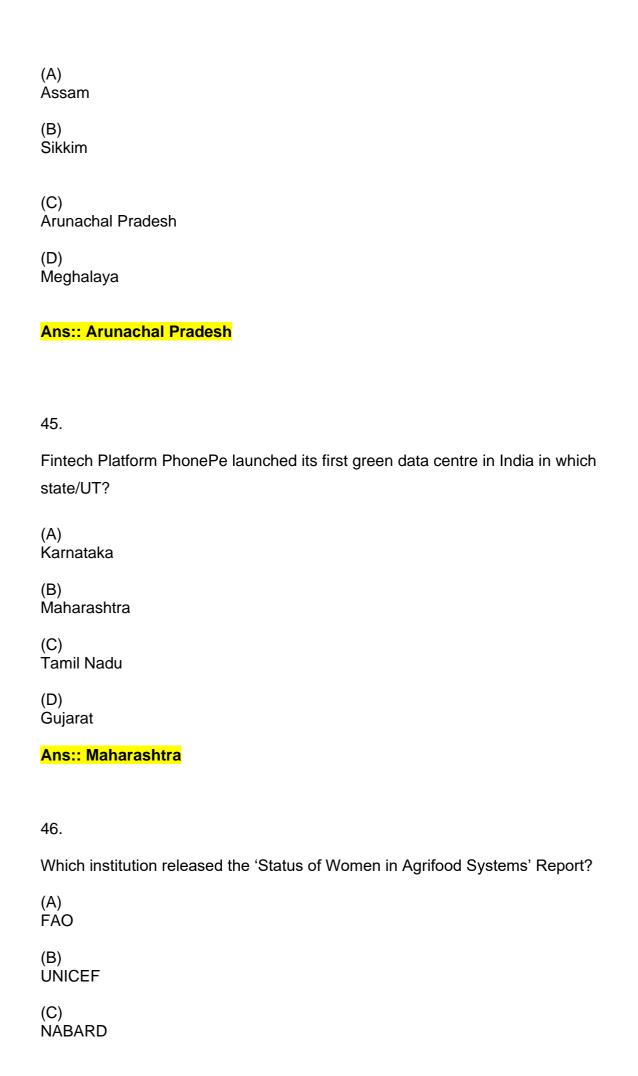Bangladesh

(B)
Indonesia

(C)
Vietnam

(D)
Oman

35.

Which institution released the "How is India Adapting to Heatwaves?" report?

(A)
NITI Aayog

(B)
Centre for Policy Research

(C)
IEA

(D)
UNEP

36.

'Yaya Tso' is a bio-diversity site located in which state/UT?

(A)
Arunachal Pradesh

(B)
Ladakh

(C)
Assam

(D)
Sikkim

37.

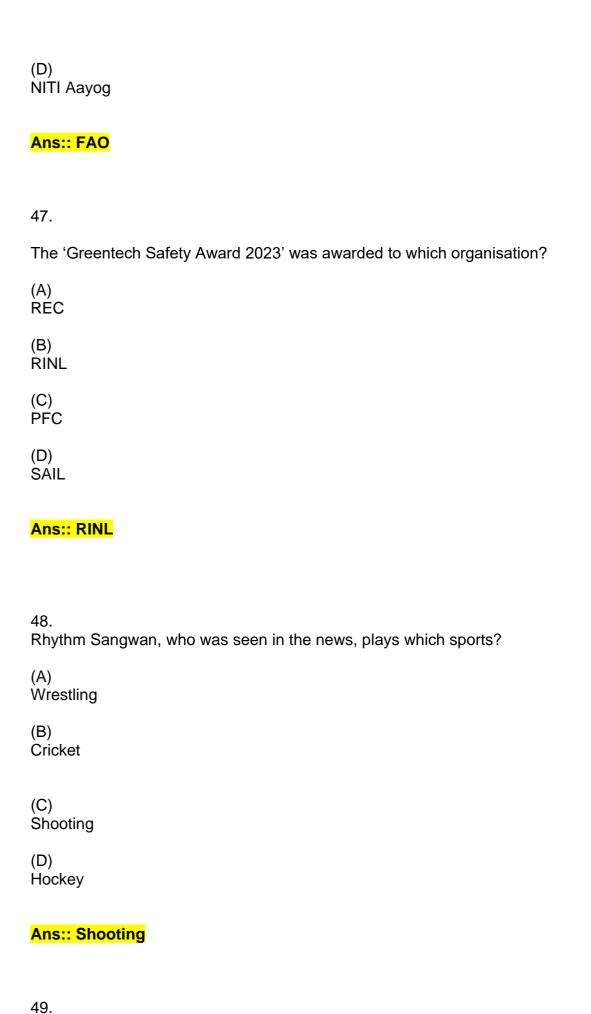Who is the first woman IAF officer to receive a gallantry medal?

(A)
Avani Chaturvedi

(B)
Bhawana Kant

(C)
Deepika Misra

(D)
Mohana Singh

**Ans:: Deepika Misra**

38.

Khuvsgul lake National Park, which was recently added to UNESCO World Network of Biosphere Reserves, is located in which country?

(A)
Ukraine

(B)
Mongolia

(C)
Chile

(D)
Mexico

**Ans:: Mongolia**

39.

'Transforming Literacy Learning Spaces' is the theme of which special day celebrated on September 8?

(A)
International Education Day

(B)
International Literacy Day

(C)
International Culture Day

(D)
International Community Learning Day

**Ans:: International Literacy Day**

40.

Which racing driver won the Miami Grand Prix title in 2023?

(A)
Charles Leclerc

(B)
Max Verstappen

(C)
Sergio Perez

(D)
Lewis Hamilton

**Ans:: Max Verstappen**

41.

Which country's plant mycologist is the first person in the world to contract a plant fungal disease?

(A)
India

(B)
China

(C)
Japan

(D)
USA

42.

Which city is the host of the Indian wind industry's biennial exhibition-cum-conference 'Windergy'?

(A)
Chennai

(B)
Jaipur

(C)
Ahmedabad

(D)
Bengaluru

**Ans:: Chennai**

43.

Manuela Roka Botey has been appointed as the first female Prime Minister of which country?

(A)
Finland

(B)
Equatorial Guinea

(C)
Norway

(D)
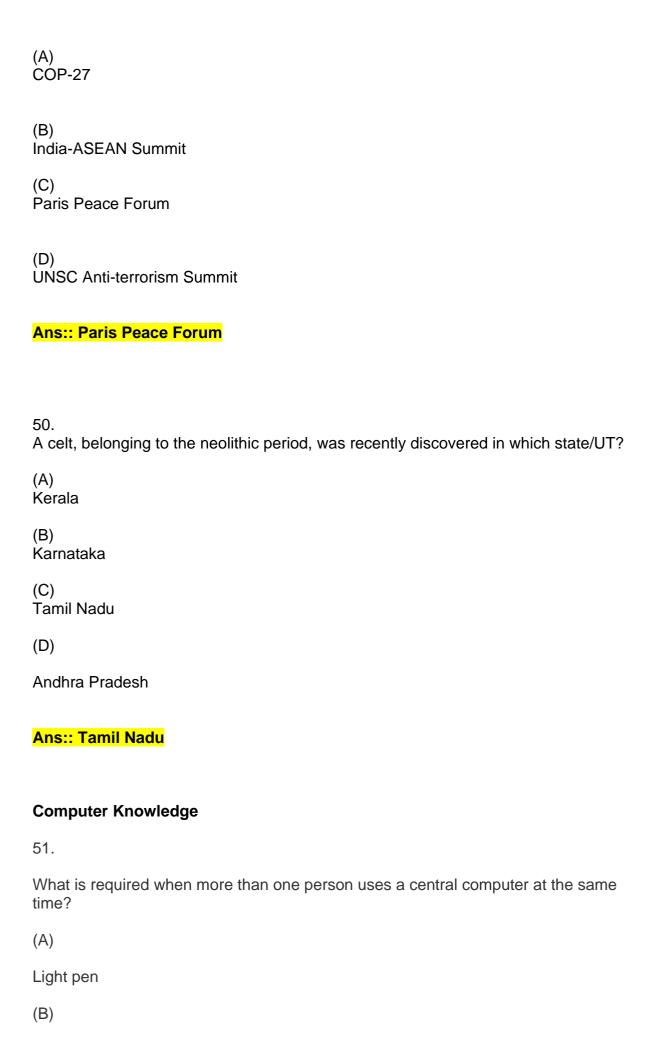Sweden

**Ans:: Equatorial Guinea**

44.

Tagin language is prevalently spoken in which state/UT?

(A)
Assam

(B)
Sikkim

(C)
Arunachal Pradesh

(D)
Meghalaya

<mark>Ans:: Arunachal Pradesh</mark>

45.

Fintech Platform PhonePe launched its first green data centre in India in which state/UT?

(A)
Karnataka

(B)
Maharashtra

(C)
Tamil Nadu

(D)
Gujarat

<mark>Ans:: Maharashtra</mark>

46.

Which institution released the 'Status of Women in Agrifood Systems' Report?

(A)
FAO

(B)
UNICEF

(C)
NABARD

(D)
NITI Aayog

**Ans:: FAO**

47.

The 'Greentech Safety Award 2023' was awarded to which organisation?

(A)
REC

(B)
RINL

(C)
PFC

(D)
SAIL

**Ans:: RINL**

48.
Rhythm Sangwan, who was seen in the news, plays which sports?

(A)
Wrestling

(B)
Cricket

(C)
Shooting

(D)
Hockey

**Ans:: Shooting**

49.

'Riding out the multicrisis' is the theme of which summit being held in 2022?

(A)
COP-27

(B)
India-ASEAN Summit

(C)
Paris Peace Forum

(D)
UNSC Anti-terrorism Summit

**Ans:: Paris Peace Forum**

50.
A celt, belonging to the neolithic period, was recently discovered in which state/UT?

(A)
Kerala

(B)
Karnataka

(C)
Tamil Nadu

(D)

Andhra Pradesh

**Ans:: Tamil Nadu**

**Computer Knowledge**

51.

What is required when more than one person uses a central computer at the same time?

(A)

Light pen

(B)

Mouse

(C)
Digitizer

(D)
Terminal

<mark>Ans:: Terminal</mark>

52.
Which of the following is the first computer to use Stored Program Concept?

(A)
UNIVAC

(B)
ENIAC

(C)
EDSAC

(D)
IBM SSEC

<mark>Ans:: EDSAC</mark>

53.

The term gigabyte refers to

(A)
1024  bytes

(B)
1024  kilobytes

(C)
1024  megabytes

(D)
1024  gigabyte

<mark>Ans:: 1024  megabytes</mark>

54.

in which year was UK's premier computing event called ?The which computer?
started?

(A)
1980

(B)
1985

(C)
1986

(D)
1987

**Ans:: 1980**

55.
Once you load the suitable program and provide required data, computer does not
needhuman intervention. This feature is known as

(A)
Accuracy

(B)
Reliability

(C)
Versatility

(D)
Automatic

**Ans:: Automatic**

56.
What is a brand?

(A)
The name of companies that made computers

(B)
The name of product a company gives to identify its product in market

(C)
A name of class to indicate all similar products from different companies

(D)
The Company Sell the Product

57.
Registers, which are partially visible to users and used to hold conditional, are known

as

(A)
PC

(B)
Memory address registers

(C)
Flags

(D)
General purpose register

58.
A byte consists of

(A)
One bit

(B)
Four bits

(C)
Eight bits

(D)
Sixteen bits

59.
Modern Computers are very reliable but they are not

(A)
Fast

(B)
Powerful

(C)
Infallible

(D)
Cheap

**Ans:: Infallible**


60.
What is the date when Babbage conceived Analytical engine

(A)
1642

(B)
1837

(C)
1880

(D)
1850

**Ans:: 1837**
61.
What was the expected feature of fifth generation computers when Japan started

FGCS?

(A)
Operating Systems

(B)
Paralled Processing

(C)
ULSI

(D)
Sequence Processing


**Ans:: Paralled Processing**

62.
Which of the following memory medium is not used as main memory system?

(A)
Magnetic core

(B)
Semiconductor

(C)
Magnetic tape

(D)
Semiconductor and magnetic tape

**Ans:: Magnetic tape**

63.
The storage subsystem in a microcomputer consists mainly of or media with varying

capacities

(A)
Memory or video

(B)
Magnetic or optical

(C)
Optical or memory

(D)
Video or magnetic

**Ans:: Magnetic or optical**

64.
Programs designed to perform specific tasks is known as

(A)
system software

(B)
application software

(C)
utility programs

(D)

operating system

65.
UNIVAC is

(A)
Universal Array Computer

(B)
Universal Automatic Computer

(C)
Unique Automatic Computer

(D)
Unvalued Automatic Computer

66.
Which of the following is not a type of computer on the basis of operation?

(A)
Digital

(B)
Analog

(C)
Hybrid

(D)
Remote

67.
Which of the following type of computer is mostly used for automatic operations?

(A)
analog

(B)
digital

(C)
hybrid

(D)
remote

68.
Which of the following invention gave birth to the much cheaper microcomputers?

(A)
PDAs

(B)
Microprocessors

(C)
Microcomputers

(D)
Mainframes

69.

Which of the following computers are lower than mainframe computers in terms of speed and storage capacity?

(A)
Mainframes

(B)
Hybrid

(C)
Mini

(D)
Super

70.

Which of the following is the first neural network computer?

(A)
AN

(B)
AM

(C)
RFD

(D)
SNARC

**Ans:: SNARC**

71.
For real time operating systems, interrupt latency should be _____

(A)
zero

(B)
minimal

(C)
maximum

(D)
dependent on the scheduling

**Ans:: minimal**

72.

Personnel who design, program, operates and maintains computer equipment refers to

(A)
Console-operator

(B)
Programmer

(C)
System Analyst

(D)
Peopleware

**Ans:: Peopleware**

73.The priority of a process will___if the scheduler assigns it a static priority.

(A)
depends on the operating system

(B)
change

(C)
remain unchanged

(D)
Variable

74.
RJ45 UTP cable has_____Cables.

(A)
2 pair

(B)
3 pair

(C)
4 pair

(D)
5 pair

75.
What are the characteristics of stack based IDS?

(A)
It is programmed to interpret a certain series of packets

(B)
It models the normal usage of the network as a noise characterization

(C)
They are integrated closely with the TCP/IP stack and watch packets

(D)

The host operating system logs in the audit information

76.
8000 Machine consists of _____ 16-bit general-purpose register.

(A)
Eighteen

(B)
Sixteen

(C)
Twenty
(D)
Nineteen

**Ans:: Sixteen**

77.
In which machine every register is a general-purpose register.

(A)
z8000

(B)
MC 68000

(C)
Intel 8085

(D)
Intel 8086

**Ans:: Intel 8086**

78.
The fetched instruction is stored in the CPU register known as.

(A)
IRC Instruction register

(B)
PC Program counter

(C)
MARC Memory address Register

(D)
MDRC memory Data Register

79.
_____instruction specifies the requirements of execution is tattere(D)

(A)
Control

(B)
CPU-memory transfer

(C)
CPU-I/O transfer

(D)
IRC Instruction register

80.
_____site that distributes the source code of the software

(A)
SsourceForge.net

(B)
FreeSoftware.org

(C)
OpenSource.org

(D)
OpenSourceSoftware.net

81.
Which was written by Larry Mavoy was chosen by Torvalds to use for version control for the LINUX Kernal.

(A)
Configuration Directories

(B)
Source Safe

(C)
Bitkeeper

(D)
Multiple Repositories

**Ans:: Bitkeeper**

82.
_____requires that any promise to contribute back any changes or addition to the software.

(A)
Reciprocal licenses

(B)
Academic licenses

(C)
General Public license

(D)
Software Licenses

**Ans:: Reciprocal licenses**

83.
Usually require just acknowledgement of the original owners work on the software

(A)

Reciprocal licenses

(B)
Academic licenses

(C)
General Public license

(D)
Software Licenses

84.
Dual licensing is also called as _____

(A)
tri-licensing

(B)
business licensing

(C)
multi licensing

(D)
software licensing

85.
Which of the following DDoS in mobile systems wait for the owner to trigger the

cyber attack?

(A)
botnets

(B)
programs

(C)
virus

(D)
worms

86.
Which of the following is the least strong security encryption standard?

(A)
WPA3

(B)
WPA2

(C)
WPA

(D)
WEP

**Ans:: WEP**

87.
Which of the following is a Stuxnet?

(A)
Trojan

(B)
Antivirus

(C)
Worm

(D)
Virus

**Ans:: Worm**

88.
Which of the following ethical hacking technique is used for determining which

operating system (OS) is running on a remote computer?

(A)
Operating System fingerprinting

(B)
Operating System penetration testing

(C)
Digital-printing

(D)
Machine printing

89.
Which of the following can diminish the chance of data leakage?

(A)
Steganography

(B)
Chorography

(C)
Cryptography

(D)
Authentication

90.
_____is the part of malware such as worms or viruses which performs the
malicious action; deleting data, sending spam or encrypting data.

(A)
Payload

(B)
Spamming

(C)
Exploits

(D)
Scams

91.

_____is the action of recording the keys struck on a keyboard, typically covertly, so that the person using the keyboard is unaware that their actions are being monitored.

(A)
Keylogging

(B)
Spamming

(C)
Denial of service

(D)
Exploits

**Ans:: Keylogging**

92.
The attack that focuses on capturing small packets from the network transmitted by other computers and reading the data content in search of any type of information is

____

(A)
Eavesdropping

(B)
Exploits

(C)
Scams

(D)
Denial of service

**Ans:: Eavesdropping**

93.

_____are computer programs that are designed by attackers to gain root or administrative access to your computer.

(A)
Backdoors

(B)
Rootkits

(C)
Malware

(D)
Antiware

**Ans:: Rootkits**

94.

What is the software called which when get downloaded on computer scans your hard drive for personal information and your internet browsing habits?

(A)
Spyware

(B)
Antiware

(C)
Backdoors

(D)
Malware

**Ans:: Spyware**

95.

Protection from_____of source code means alloting the right to edit the source code to authorized persons only.

(A)
disclosure

(B)
alteration

(C)
destruction

(D)
log of changes (whois making request)

**Ans:: log of changes (whois making request)**

96.    Protection from_____of source code means protection of any individual from destroying the software source code.

(A)
Disclosure

(B)
Alteration

(C)
Destruction

(D)
log of changes (whose making request)

**Ans:: Disclosure**

97.

Protection from_____of source code means recording all changes made to the source code and the person making such changes.

(A)
disclosure

(B)
alteration

(C)
destruction

(D)

log of changes (whois making request)

98.

_____of access rights in source code development means verification of role before permitting access to source code.

(A)
verification

(B)
maintaining historical records

(C)
error handling

(D)
log of changes (whois making request)

99.

_____in source code development means verification of role before permitting access to source code.

(A)
verification

(B)
maintaining historical records

(C)
error handling

(D)
log of changes (whois making request)

100.
The processing required for a single instruction is called_____.

(A)
Fetch cycle

(B)
Execution cycle

(C)
Instruction cycle

(D)
Branch cycle

**Ans:: Instruction cycle**