

[Type here]

## 15-Day Target Paper

**XI TARGET COMPUTER PAPER BY BAGAD BILLA**

**GROUP LINK:** <https://chat.whatsapp.com/GCMvggSdEyKJkrqMYEOKa6>

### Section A:

#### Most Important MCQs

1. It is a non-impact printer that can produce very high-quality letter printing:  
a) drum printer                      **b) daisy wheel Printer**  
c) Chain Printer                      d) dot matrix printer
2. One Gigabyte (GB) is equivalent to:  
a) 1024 KB                      **b) 1024 MB**                      c) 1024 TB                      d) 1024 ZB
3. CPU controls the part of the computer system:  
a) ALU                      **b) CU**                      c) MU                      d) RAM
4. Coaxial and fiber cables are examples of media:  
**a) Guided**                      b) Router                      c) Un-guided                      d) Simplex.
5. DOS, Linux, and Unix are the example of  
**a) Operating system**                      b) viruses  
c) language translators                      d) a program
6. Hardware and software combination used for connecting similar network is a :  
**a) router**                      b) gateway                      c) bridge                      d) switch
7. A computer virus is:  
a) Bacteria                      **b) Malware**                      c) Firmware                      d) Hardware
8. The internal process of starting up a computer is :  
**a) Booting**                      b) self-start                      c) warm-up                      d) start-up
9. It is software that displays an online advertisement on web pages, email or other internet services.  
**a) Adware**                      b) Spyware                      c) Ransomware                      d) Worm
10. It will notify you when malware or other unwanted software attempts to install itself on your PC.  
**a) Windows Hello**                      **b) Window Defender**  
c) Cortana                      d) Timeline
11. This topology has a central hub:  
**a) Mesh**                      **b) Star**                      c) Ring                      d) bus
12. A bar-code reader is an example of a(n):  
**a) processing device**                      b) storage device  
**c) input device**                      d) output device.

[Type here]

[Type here]

13. Internet Protocol is governed by:

- a) EFT                      b) Internet                      c) **TCP/IP**                      d) EDI

14. Data is transmitted block by block in:

- a) Asynchronous mode                      **b) Synchronous mode**  
c) Communication mode                      d) Satellite mode.

15. The electrical path used to transfer data in CPU is called:

- a) Bandwidth                      **b) Bus**                      c) Cable                      d) Port.

16. It holds the address of the memory location of the word to be written from or read into Memory Buffer Register.

- a) Instruction Register                      b) Program Counter  
**c) Memory Address Register**                      d) Status Register.

17. It manages the hardware and software resources of computer system:

- a) **Operating system**                      b) Application system  
c) System Software                      d) Application software.

18. Which of the following is computer malware?

- a) Computer Viruses                      b) Worm  
c) Trojan horse                      **d) All**

19. This register holds the instructions awaiting execution:

- a) MCR                      **b) Instruction Register**  
c) AC register                      d) Program Counter.

20. This is the fastest data communication medium:

- a) coaxial cable                      b) twister pair cable  
**c) fiber optic cable**                      d) microwave.

21. In computer terminology an assembler means:

- a) A person who assemble computer parts                      b) a hardware unit of a computer  
**c) a program**                      d) a language.

22. A software that enables 2 display web page is:

- a) HTML                      **b) Web browser**                      c) WWW                      d) compiler.

23. It is an operating system developed by Microsoft and it dominates the PC environment.

- a) Unix                      b) Linux                      **c) Window**                      d) McAfee

24. A network that places all nodes on a single cable:

- a) star                      b) ring                      c) switched                      **d) bus**

25. Microwave and communication satellite are examples of \_\_\_\_\_ media communication system:

- a) Guided                      **b) Un-guided**                      c) Simplex                      d) Router.

26. This program translates whole program at a time:

- a) Interpreter                      b) simulator                      **c) Compiler**                      d) assembler.

modems transmit the data signals through:

[Type here]

[Type here]

- a) **Air**                      b) Cable                      c) Gateway                      d) None.
28. This term is used to describe the data handling capacity of a given media.  
a) MHz                      **b) bandwidth**                      c) byte  
d) frequency.
29. In this interface the user gives instructions to the computer by typing commands.  
a) User Interface                      b) Graphical User Interface  
**c) Command Line Interface**                      d) None.
30. Term used for inserting an element into a stack is:  
a) **Push**                      b) Pop                      c) Insert                      d) Remove.
31. A group of four bits is called:  
a) word                      b) byte                      c) character                      **d) nibble.**
32. The number of bits of bytes that a microprocessor can manipulate as a unit is called:  
a) Word                      b) Unit                      c) Byte                      d) String.
33. The transport layer in OSI:  
a) Layer 3                      **b) Layer 4**                      c) Layer 5                      d) Layer 6.
34. Which of the following cable is comprised of two separate insulated copper wires that are Twisted?  
a) Fiber optic                      **b) Twisted pair wire**  
c) Coaxial                      d) Submarine.
35. This is a very important register. It holds the actual instruction being executed currently by the computer.  
a) **Instruction Register**                      b) Program Counter  
c) Accumulator                      d) Status Register.
36. Illegal copies of copyrighted software is:  
a) fake                      b) privacy                      **c) piracy**                      d) photocopy.
37. Bit is the short form of:  
a) Binary Decimal                      b) Binary Density                      **c) Binary Digits**                      d) Binary Disk.
38. This virus replicates itself:  
**a) worm**                      b) bug                      c) vaccine                      d) bomb.
39. The duration of time in which an instruction stored in the memory brought to an appropriate register is:  
a) Execute cycle                      b) instruction execute  
**c) fetch cycle**                      d) execution.
40. This is a sequential storage medium:  
a) **magnetic tape**                      b) DVD  
c) floppy disk                      d) magnetic disk
41. A compiler is a:

[Type here]

[Type here]

- a) part of computer    **b) program to convert High level language into machine Language**    c) source program    d) object code.
42. The set of rules to send and receive data is:  
a) register    **b) protocol**    c) bus    d) Ethernet.
43. Which of the following is an antivirus program?  
a) Hope2003    b) Brain    **c) McAfee**    d) None.
44. Once the program has been translated into a machine language, it is called,  
a) a system program    b) logical program  
**c) an object program**    d) application program.
45. A network that spans a large city is known as:  
a) ISDN    b) LAN    **c) WAN**    d) NIC.
46. What does a modem do in a data communication system?  
a) **Modulates and demodulates signals**    b) Manages network traffic  
c) Routes data between networks    d) Amplifies signals.
47. Integrated circuits (ICs) are related to this generation.  
a) First generation    b) second generation  
**c) Third generation**    d) Fourth generation.
48. This application program is used for creating presentations:  
a) Ms. Access    b) MS Excel    c) MS word    **d) MS. PowerPoint.**
49. ATM stands for:  
a) Automatic Transistor Mode    b) Auto Transfer Model  
**c) Automated Teller Machine**    d) Automated Teller Mark.
- First generation computer used:  
a) Transistor    b) Diode    **c) Vacuum Tube**    d) Microprocessor
51. A stack is served on the principle of  
a) FILE    b) FILO    **c) LIFO**    d) FIFO.
52. Mainframe computer system typically use:  
a) dot matrix printer    b) inkjet printer  
**c) chain printer**    d) all.
53. Which of the following is a computer crime?  
a) Piracy    b) Cyberterrorism    c) Hacking    **d) All.**
54. Printing equality of a printer is measured in:  
a) **DPI**    b) Hertz    c) Mbps    d) Tbps
55. CD-ROM is a:  
a) Semiconductor memory    b) memory register  
c) magnetic memory    **d) optical memory.**
56. Through User interface, the user can:  
a) control the computer    b) Request information from the computer

[Type here]

[Type here]

- c) respond to messages displayed by the computer **d) All of them.**
57. This software resides permanently in memory chip.  
a) Freeware b) Shareware **c) Firmware** d) Spyware.
58. The field concerned with the prevention, detection, and correction of deliberate and accidental loss to computer system, program and data is:  
a) EDP auditing **b) Computer security**  
c) Antivirus Programming d) Computer legislation.
59. It is not a Kind of display Monitor:  
a) LED b) LCD c) CRT **d) Plotter.**
60. Processor speed is measured in:  
a) Mbps **b) Hertz** c) DPI d) Megabyte.
61. A printer which prints by striking paper is called.  
a) Thermal printer **b) Impact Printer**  
c) Non-Impact Printer d) Laser printer
62. Through User interface, the user can:  
a) control the computer b) Request information from the computer  
c) respond to messages displayed by the computer **d) All of them.**
63. This is the largest Unit of memory:  
a) KB b) MB c) GB **d) TB.**
64. It is the virus that activates on a particular date and time:  
a) **Time bomb** b) Worm c) Trojan d) Boot sector virus.
65. Artificial Intelligence is the key feature of  
a) First Generation b) Second generation  
**c) Fifth Generation** d) Fourth generation.
66. FM stands for:  
a) Frequency Modification **b) Frequency Modulation**  
c) frequency Module d) Functional Module.
67. The process of converting digital signals to analog signals is called:  
a) **Modulation** b) Synchronization  
c) demodulation d) transformation.
68. Bluetooth is an example of:  
a) **personal area network** b) local area network  
c) virtual private network d) wide area network
69. Our television broadcast is an example of this transmission mode:  
a) half duplex b) full duplex **c) simplex** d) Multiplex.
70. a group of bits that tells the computer to perform a specific operation is known as  
a) **instruction code** b) algorithm  
c) accumulator d) register

[Type here]

[Type here]

71. 1 gigabyte is equivalent to  
a) 1024 KB      **b) 1024 MB**      c) 1024 TB      d) 1024 ZB.
72. This is the common language of Internet to develop a web page  
a) **HTML**      b) BASIC      c) WWW      d) HTTP
73. A software that enables to display web page is:  
a) HTML      b) WWW      **c) Web Browser**      d) Compiler
74. Peripheral devices attach with computer through:  
a) sockets      b) connector      **c) Ports**      d) plugs
75. A computer network designed in a single building is known as  
a) **LAN**      b) WAN      c) MAN      d) GAN.
76. This is not a logical gate:  
a) AND      b) OR      **c) MOR**      d) NOT
77. It is also known as memory data register:  
a) memory address register      **b) memory buffer register**  
c) instruction register      d) program counter.
78. This is a computer crime:  
a) backup      b) formatting      **c) Hacking**      d) restoring.
79. It is used to transmit data from memory to microprocessor and vice versa:  
**a) data bus**      b) address bus      c) control bus      d) central bus.
80. In the word e-mail, "e" stands for:  
a) extra      b) external      **c) electronic**      d) easy
81. Two dissimilar networks are connected with:  
a) server      b) bridge      c) router      **d) Gateway**
82. during the normal PC boot process, this activates first:  
**a) RAM BIOS**      b) CMOS      c) ROM BIOS      d) hard disk information.
83. Sound/Voice is a kind of:  
**a) hardcopy**      **b) soft copy**      c) light copy      d) photocopy.
84. This is wireless communication media:  
**a) twisted pair**      **b) microwave**      c) Coaxial      d) Fiber optic.
85. In a fiber optic cable, the core is surrounded by a second layer of glass called.  
**a) Yoke**      **b) cladding**      c) cap      d) outer pipe.
86. The insertion of a row and a column, in an excel spreadsheet is called:  
**a) formula**      b) cell      c) Macro      d) function.
87. The shortcut key of saving a document is:  
**a) Ctrl+S**      b) Ctrl+C      c) Ctrl+P      d) Ctrl+B
88. OA stands for.  
**a) Official Appliance**      **b) Office Automation**  
c) Official Assistant      d) None

[Type here]

[Type here]

89. It is an instruction consist of a group of bits that define certain arithmetic or some other operations, such as +, -, \*, / etc.
- |              |                          |
|--------------|--------------------------|
| a) Operation | <b>b) Operation code</b> |
| c) Address   | d) Operand.              |
90. In which transmission mode can communication occur in both directions but not simultaneously?
- |                |                       |
|----------------|-----------------------|
| a) Simplex     | <b>b) Half-Duplex</b> |
| c) Full-Duplex | d) None               |

## Section B:

### Short Questions

1. Define volatile and non-volatile storage? OR What will happen if RAM is not available in a computer system?
2. Define Computer and its characteristics?
3. Define:
  - Mouse.
  - Cache Memory.
  - Computer registers.
  - MICR
  - Optical fiber.
  - Amplitude.
  - Email, its part and advantages.
  - Terminals and its types.
  - Firewall.
  - Search Engine/ Web Browser/ Website / Web Page.
4. Define control unit of CPU? And its components with block diagram?
5. What is language translator? Define its types?
6. Describe the functionality of peer-to-peer and client server model?
7. What is meant by Modulation and De-modulation?
8. Define scanner and its types?
9. Define Buses and its types?
10. Define Network and its types? Also define the topology of LAN with types and draw their diagrams.

[Type here]

[Type here]

11. What are the elements of data communication system? Also name the fastest communication media.
12. Define computer or Cyber Crime. Explain what to do if you are a victim of cybercrime?
13. Define fetch and execute cycle with diagram?
14. Write a short note on:
  - Hard Disk
  - Optical Disk
  - Twisted pair and Fiber optic cable.
  - Software Piracy.
  - Computer virus/ malware.
  - Antivirus.
15. Differentiate between:
  - Serial and parallel port.
  - Synchronous and Asynchronous transmission mode.
  - Primary and secondary storage.
  - Input and output devices.
  - System software and application software.
  - High level language and low-level language.
  - Softcopy and hardcopy
  - Special and general-purpose computer.
  - Analog and digital computer
  - RAM and ROM
  - Command line interface(CLI) and Graphical User Interface(GUI).

### **Section C:**

#### **Long Questions**

1. Define Printer and monitor with types? OR Define software and its types?
2. Discuss different scanning devices?
3. Define keyboard and its divisions?
4. What is an operating system? Also explain its functions.

[Type here]



[Type here]

5. Explain OSI model and all its layers with diagram?
6. Explain registers and its types?

**BAGAD BILLA**

[Type here]