

Gujranwala Board
2019 Class 9th
(Computer)
(Group - I)

1. Base of decimal number system is:

- (A) 2
- (B) 8
- (C) 10
- (D) 16

2. Hard disk is a/an _____ disk.

- (A) Optical
- (B) Magnetic
- (C) Random access
- (D) Read only

3. _____ is used to access the internet.

- (A) Start Button
- (B) Internet Explorer
- (C) Taskbar
- (D) Window Explorer

4. DIR *.* command lists.

- (A) All files of Extension doc
- (B) All files
- (C) All files of name sample
- (D) All MS word files

5. _____ is not a High Level Language.

- (A) Fortran language
- (B) Basic Language.
- (C) C+ + language
- (D) Assembly language

6. A Boolean function with four variables will have

- (A) 8 maxterms
- (B) 16 maxterms
- (C) 24 maxterms
- (D) 32 maxterms

7. The system bus is used to connect the _____ units.

- (A) CPU

- (B) Main memory
- (C) Input/output
- (D) All of these

8. _____ is the extension of MS-Word

- (A) .ppt
- (B) .xls
- (C) .doc
- (D) .wav

9. 1 KB is equal to _____ bytes.

- (A) 1000
- (B) 2^{10}
- (C) 2^{20}
- (D) 2^{30}

10. HP 3000 is an example of:

- (A) Mini computer
- (B) Micro computer
- (C) Super computer
- (D) Mainframe computer

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(SECTION -1)

Q. No. 2: Write short answers to any four questions: (2 x 4= 8)

- 1) What is meant by Abacus?
- 2) Write down the role of Pascal in the history of Computer
- 3) Write the names of two Engines (Machines) of Charies Babbage.
- 4) When and who invented the micro-processor?
- 5) What is meant by input devices?
- 6) Define USB port.

Q. No 3: Write short answers to any four questions: (2 x 4= 8)

- 1) Describe the use of mouse.
- 2) What is RAM?
- 3) For which purpose PROM is used?
- 4) Give the list of different memory measuring units.
- 5) Differentiate between data and information.
- 6) Define American Standard Code for information interchange (ASCII)

Q. No. 4: Write short answers to any four questions: (2 x 4 = 8)

- 1) What is Boolean algebra?
- 2) Define Assembler.
- 3) Define Operating System.
- 4) What is Disk Drive?
- 5) What is Task Bar?
- 6) Define Computer Virus.

(SECTION – II)

Note: Attempt any two questions.

Q. No. 5: Explain the different components of a Computer System.

Q. No. 6: Define Monitor and describe its types with respect structure.

Q. No. 7: Evaluate the Boolean Expression using truth table.

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1. Mega Byte is equal to _____ bytes.

- (A) 2^{10}
- (B) 2^{20}
- (C) 2^{30}
- (D) 2^{40}

2. DOS

- (A) Is an operating system
- (B) Is not an operating system
- (C) Has a graphical user interface
- (D) Is none of these?

3. The third generation computer used.

- (A) Vacuum tubes
- (B) Integrated circuits
- (C) Transistors
- (D) Micro processors

4. The extension of word files is with.

- (A) .doc
- (B) .xis
- (C) .ppt
- (D) .wav

5. A Boolean function with four variables will have.

- (A) 8 maxterms
- (B) 16 maxterms
- (C) 24 maxterms
- (D) 32 maxterms

6. _____ is are par parts of computer system.

- (A) CPU
- (B) Memory
- (C) Input/output unit
- (D) All of these

7. _____ is the gateway of accessing most of the functionality available in the computer loaded with windows.

- (A) Task Bar
- (B) Folders
- (C) Start Button
- (D) Mouse

8. CRAY T-90 is an example of:

- (A) Super computer
- (B) Mainframe computer
- (C) Mini computer
- (D) Micro computer

9. Hard disk is a/an _____ disk that stores data.

- (A) Optical
- (B) Magnetic
- (C) Read only
- (D) None of these

10. The hexadecimal number $10_{(16)}$ is equal to:

- (A) 10_{10}
- (B) 100_{10}
- (C) 16_{10}
- (D) 20_{10}

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(SECTION -1)

Q. No. 2: Write short answers to any four questions: (2 x 4= 8)

- 1) Define Computer.
- 2) Define Java.
- 3) What is Analytical Engine?
- 4) What is Compiler?
- 5) Define ALU.
- 6) What is Port?

Q. No 3: Write short answers to any four questions: (2 x 4= 8)

- 1) Which device is called as Light Pen?
- 2) What is meant by Volatile Memory?
- 3) Define Byte.
- 4) What is Rotational Delay?
- 5) Subtract 01011101 from 10111110.
- 6) Write down ASCII coding scheme.

Q. No. 4: Write short answers to any four questions: (2 x 4 = 8)

- 1) What is meant by Boolean Expression?
- 2) What are two types of Operating System.
- 3) Define Assembler.
- 4) Define Icon.
- 5) Describe the use of Recycle Bin in Windows?
- 6) What is meant by Task Bar?

(SECTION – II)

Note: Attempt any two questions.

Q. No. 5: Write a short note on Data Bus and Control Bus.

Q. No. 6: Define Non-Impact Printer and write a note on its types.

Q. No. 7: Represent the function $f(x,y) = (x.\bar{y} + \bar{x}, y)$