

Multan Board 2018
Class 9th
Computer
Group - I

- 1.1. USB ports can connect devices:
- (A) 127
 - (B) 250
 - (C) 300
 - (D) 275
2. The device commonly used for playing computer games is:
- (A) Track Ball
 - (B) Joy Stick
 - (C) Light Pen
 - (D) Scanner
3. One GB is equal to:
- (A) 1000 KB
 - (B) 1024 MB
 - (C) 100 TB
 - (D) 1024 Byte
4. _____ is read only storage.
- (A) Hard Disk
 - (B) RAM
 - (C) CD-ROM
 - (D) Magnetic Tape
5. The number of digits in Hexadecimal System is:
- (A) 8
 - (B) 10
 - (C) 15
 - (D) 16
6. The AND operator of Boolean Algebra is denoted by:
- (A) *

- (B) +
- (C) -
- (D) .

7. Types of language translators are:

- (A) 1
- (B) 2
- (C) 3
- (D) 4

8. The extension of MS-Words file is:

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

9. First generation computers used:

- (A) Vacuum tubes
- (B) Integrated Circuits
- (c) Transistors
- (D) Microprocessors

10. The ports used for transmitting one bit of information at a time is:

- (A) USB ports
- (B) Serial Ports
- (C) Parallel Ports
- (D) HDMI

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Part - I

Q.No.2: Write short answers to any FOUR (4) questions. (4x2=08)

- (i) What do you know about Charles Babbage?
- (ii) Write down two advantages of Transistors.
- (iii) What is meant by Hardware?
- (iv) What is meant by Control Bus?
- (v) What is system Software?
- (vi) What is meant by Main Memory?

Q.No.3: Write short answers to any FOUR (4) questions. (4x2=08)

- (i) What is Disk Drive?
- (ii) What is meant by DRAM?
- (iii) What is PROM?
- (iv) What do you know about High Level formatting?
- (v) Take 1's compliment of $(10011001)_2$.
- (vi) Convert $(101)_2$ to decimal number.

Q.No.4: Write short answers to any FOUR (4) questions. (4x2=08)

- (i) Prove by truth table $x + 1 = 1$
- (ii) What is meant by Literals?
- (iii) What is meant by Internet Commands?
- (iv) Write down the purpose of Application Software?
- (v) Describe utility of Multitasking.
- (vi) What functions are performed by Shortcuts?

Part - II

Note: Attempt any TWO questions from this part. (8x2=16)

Q.No.5: Write a note on Language Translators

Q.No.6: What is Mouse? Write a note on different Mouse Events.

Q.No.7: Perform subtraction $57-126$ using 8-bit 1's compliment method.

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Group - II

- 1.1. One MB is equal to:
- (A) 1 KB
 - (B) 100 KB
 - (C) 1024 KB
 - (D) 1024 bytes
2. The data, after processing is called:
- (A) Data
 - (B) Information
 - (C) Storage
 - (D) Processing
3. The AND operator of Boolean Algebra is denoted by:
- (A) $-$
 - (B) $+$
 - (C) $.$
 - (D) $^$
4. Types of Language Translators are:
- (A) One
 - (B) Two
 - (C) Three
 - (D) Four
5. Normally, Floppy drive is denoted as:
- (A) C:/
 - (B) D:/
 - (C) E:/
 - (D) A:/
6. The fourth generation computers used:
- (A) Microprocessors

- (B) Transistors
- (C) Integrated Circuits
- (D) Vacuum tube

7. _____ is an output device.

- (A) Monitor
- (B) Keyboard
- (C) Mouse
- (D) Microphone

8. C.P.U stands for:

- (A) Central Processing Unit
- (B) Central Product Unit
- (C) Central Program Unit
- (D) Central Programming Unit

9. The most commonly used pointing device is:

- (A) Trackball
- (B) Joy Stick
- (c) Mouse
- (D) Touch Pad

10. The faster memory is:

- (A) RAM
- (B) Cache
- (C) Register
- (D) Hard Disk

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**Computer
Group - II**

Part - I

Q.No.2: Write short answers to any FOUR (4) questions. (4x2=08)

- (i) What do you know about Analog Computers?
- (ii) Define Machine Language.
- (iii) Differentiate between Computer Software and Computer Hardware.
- (iv) Write down the functions of Arithmetic and Logic Unit.
- (v) What is meant by port?
- (vi) What is system bus?

Q.No.3: Write short answers to any FOUR (4) questions. (4x2=08)

- (i) Describe the working of Joy Stick.
- (ii) What is RAM?
- (iii) Write down a short note on EPROM.
- (iv) What is meant by high level formatting?
- (v) Convert $(27)_{10}$ into binary number.
- (vi) Define Unicode?

Q.No.4: Write short answers to any FOUR (4) questions. (4x2=08)

- (i) Write down two disadvantages of using Boolean Algebraic Laws.
- (ii) Using truth table prove that $x + 1 = 1$.
- (iii) What is the difference between DEL command and DELTREE command?
- (iv) What are internal commands? Give its two examples.
- (v) What is file extension? Give an example.
- (vi) Why is control panel important?

Part - II

Note: Attempt any TWO questions from this part. (8x2=16)

Q.No.5: Define computer. Explain the types of computer.

Q.No.6: What are Non Impact printers? Write a note on LASER Printers and Ink Jet Printers.

Q.No.7: Convert following Binary Numbers into decimal.

(i) $(101111)_2 = (?)_{10}$

(ii) $(1010)_2 = (?)_{10}$