

**Faisalabad Board 2018**  
**Class 9<sup>th</sup>**  
**Computer**  
**Group - I**

- 1.1. 1 byte is equal to \_\_\_\_\_ bits.
- (A) 6
  - (B) 2
  - (C) 4
  - (D) 8
2. Hard Disk is \_\_\_\_\_ disk.
- (A) optical
  - (B) magnetic
  - (C) random access
  - (D) read only
3. Which device is not inside the system unit?
- (A) RAM
  - (B) Hard disk
  - (C) CD Derive
  - (D) Monitor
4. Which language was made for business purposes?
- (A) Data bus
  - (B) Power bus
  - (C) Address bus
  - (D) Control bus
5. Which language was made for business purposes?
- (A) FORTRAN
  - (B) PASCAL
  - (C) COBOL
  - (D) JAVA
6. Klez is a:
- (A) Game name

- (B) Hardware component
  - (C) Virus name
  - (D) Person name
7. XCOPY command is used for:
- (A) Copy subfolder as well
  - (B) Delete folder
  - (C) Copy Drive
  - (D) Delete drive
8. A Boolean function with four variables will have:
- (A) 8 maxterms
  - (B) 16 maxterms
  - (C) 24 maxterms
  - (D) 32 maxterms
9. Octal system consists of \_\_\_\_\_ numbers.
- (A) 2
  - (B) 16
  - (C) 10
  - (D) 8
10. Which is a volatile memory?
- (A) RAM
  - (B) ROM
  - (C) Hard Disk
  - (D) Floppy Disk

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**Computer**

**Group - I**

**Part - I**

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

- (i) Describe Abacus.
- (ii) How is computer helpful in library?
- (iii) What is control unit?
- (iv) Write the purpose of address bus?
- (v) Define ALU.
- (vi) Differentiate between computer hardware and software.

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

- (i) Write the use of scanner.
- (ii) Differentiate between primary and secondary memory.
- (iii) What is RAM?
- (iv) Write the names of different types of ROM.
- (v) Describe octal number system.
- (vi) What is Unicode?

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

- (i) What is Boolean expression?
- (ii) Define proposition.
- (iii) What is meant by GUI?
- (iv) Who developed DOS?
- (v) Define windows explorer.
- (vi) Write a short note on computer desktop.

**Part - II**

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

**Q.No.5: What is computer? Explain the types of Computer.**

**Q.No.6: Define impact printers. Also describe any two types of impact printers.**

**Q.No.7: Define data and explain its types.**

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**Computer**  
**Group - II**

- 1.1. How many bytes can be stored in a sector?
- (A) 16
  - (B) 256
  - (C) 512
  - (D) 1024
2. Unicode is :
- (A) 16-bit code
  - (B) 32-bit code
  - (C) 56-bit code
  - (D) 64-bit code
3. A Boolean function with four variables will have:
- (A) 8 Maxterms
  - (B) 16 Maxterms
  - (C) 24 Maxterms
  - (D) 32 Maxterms
4. DOS:
- (A) is an operating system
  - (B) is not an operating system
  - (C) has graphical user interface
  - (D) is a compiler
5. Control Panel allows to customize which features?
- (A) Appearance
  - (B) Themes
  - (C) Hardware components
  - (D) All of these
6. Fourth generation computers used:
- (A) Vacuum tube

(B) Integrated circuit

(C) Transistor

(D) Microprocessor

7. Which is an input device?

(A) Scanner

(B) Speaker

(C) Printer

(D) Plotter

8. The port that sends many bits at a time:

(A) Serial

(B) Parallel

(C) USB

(D) Plotter

9. It converts scanned text into a text file:

(A) HDD

(B) FDD

(C) CRT

(D) OCR

10. MB stand for:

(A) Megabyte

(B) Megabit

(C) Mechanical base

(D) Magnetic base

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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 Napier's Bones?
- (ii) What is meant by UNIVAC?
- (iii) Define computer hardware.
- (iv) What is meant by register?
- (v) Define serial ports.
- (vi) What do you know about system software?

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

- (i) Write the use of delete key.
- (ii) Define DRAM.
- (iii) What is meant by non-volatile memory?
- (iv) Write formula for access time.
- (v) Multiply:  $(101)_2 \times (11)_2$ .
- (vi) Find 1's complement of  $(10110110)_2$ .

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

- (i) What is meant by Boolean expression?
- (ii) Write two advantages of K-map method.
- (iii) Which DOS command is used to create new directory?
- (iv) What are internal commands in DOS?
- (v) What is plug and play feature of windows operating system?
- (vi) Why is the recycle bin used in windows?

**Part - II**

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

**Q.No.5: Define computer and explain its types.**

**Q.No.6: What is printer? Explain any two types of non-impact printers.**

**Q.No.7:** What do you know about number system? Explain any two number systems.