

Faisalabad Board 2019
Class 9th
Computer
Group - I

- 1.1. 1 Kilo byte is equal to :
- (A) 2^{10} bytes
 - (B) 2^{20} bytes
 - (C) 2^{30} bytes
 - (D) 2^{40} bytes
2. Which is not an input device?
- (A) Monitor
 - (B) Keyboard
 - (C) Mouse
 - (D) Magnetic Tape units
3. Which device is not inside the system unit?
- (A) RAM
 - (B) Monitor
 - (C) Hard Disk
 - (D) CD derive
4. Which is not a type of bus in computer?
- (A) Data bus
 - (B) Address bus
 - (C) Power bus
 - (D) Control bus
5. Which is not a high level language?
- (A) FORTRAN
 - (B) BASIC
 - (C) Visual Basic
 - (D) Assembly language
6. Klez is a:
- (A) Game name

- (B) Hardware component
 - (C) Virus name
 - (D) Person name
7. Good Time was a:
- (A) Virus
 - (B) Antivirus
 - (C) Fake news about existence of virus
 - (D) None of these
8. Windows:
- (A) has a GUI
 - (B) is not an operating system
 - (C) is a compiler
 - (D) All of these
9. Demorgan's law states that:
- (A) $a.(b+c)=a.b+a.c$
 - (B) $a+(b+c)=(a+b)+c$
 - (C) $\overline{a + b} = \bar{a}. \bar{b}$
 - (D) None of these
10. (011) 4752105 is:
- (A) Numeric data
 - (B) Alpha numeric data
 - (C) Alphabetic data
 - (D) Both B & C

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Part - I

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

- (i) What is meant by IC?
- (ii) What is super computer?
- (iii) Define computer simulation.
- (iv) What is translator?
- (v) Define data bus.
- (vi) What is meant by serial port?

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

- (i) What is monitor resolution?
- (ii) On which basis secondary storage are categorized?
- (iii) compare main memory and secondary memory.
- (iv) What is parity bit?
- (v) What is meant by processing?
- (vi) Describe Octal number system.

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

- (i) What is meant by Boolean Algebra?
- (ii) What is meant by application software?
- (iii) What is Graphical User Interface?
- (iv) What is meant by folder?
- (v) What is meant by antivirus?
- (vi) What is meant by hardware compatibility?

Part - II

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

Q.No.5: Write a short note on serial ports and parallel ports.

Q.No.6: Define Keyboard. Explain how keyboard is classified.

Q.No.7: Create the truth tables of AND operations and OR operations.

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**Computer
Group - II**

- 1.1. 2's complement of 0101010?
- (A) 1010110
 - (B) 1010101
 - (C) 0000011
 - (D) None of these
2. Demorgan's law states that:
- (A) $a.(b+c)=a.b+a.c$
 - (B) $a+(b+c)=(a+b)+c$
 - (C) $\overline{a + b} = \bar{a}. \bar{b}$
 - (D) None of these
3. rmdir command:
- (A) Makes directory
 - (B) Removes directory
 - (C) Copies file
 - (D) None of these
4. Computer virus is simply a:
- (A) Discase
 - (B) Type of bacteria
 - (C) Computer code
 - (D) None of these
5. Klez is a:
- (A) Game name
 - (B) Hardware component
 - (C) Virus name
 - (D) Person name
6. Which is not a high level language?
- (A) FORTRAN

- (B) BASIC
 - (C) C+ & C
 - (D) Assembly language
7. The third generation computers used:
- (A) Vacuum tubes
 - (B) Integrated Circuits
 - (C) Transistors
 - (D) Microprocessor
8. The system bus is used to connect which units?
- (A) CPU
 - (B) Main memory (RAM , ROM)
 - (C) Input / Output devices
 - (D) All of these
9. Which is a part of computer system?
- (A) CPU
 - (B) Memory
 - (C) Input / Output units
 - (D) All of these
10. The keys on computer keyboard are:
- (A) Alpha numeric keys
 - (B) Numeric keys
 - (C) Function keys
 - (D) All of these

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**Computer
Group - II**

Part - I

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

- (i) What is meant by Pascal's Pascaline calculator?
- (ii) Write the characteristics of Analogue computer.
- (iii) What is a barcode reader?
- (iv) Describe high level language.
- (v) Define system software.
- (vi) What are CPU registers?

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

- (i) What is monitor resolution?
- (ii) What is CD?
- (iii) What is seek time?
- (iv) What is meant by rotational delay?
- (v) What is octal number system?
- (vi) What is hexadecimal number system?

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

- (i) Define proposition.
- (ii) Define VER and VOL commands.
- (iii) Describe operating system.
- (iv) What is window explorer?
- (v) What is the use of recycle bin?
- (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 meant by CPU? Explain its units ALU and CU.

Q.No.6: What is non-impact printer? Explain laser and ink jet printers.

Q.No.7: Explain logical operators with the help of examples in Boolean Algebra.