

D G Khan Board
2018 Class 9th
(Computer)
(Group - I)

1. Which device is used for both as input and output?

- (A) Floppy disk drive
- (B) Scanner
- (C) Microphone
- (D) Plotter

2. The cash memory as compare to main memory is

- (A) Fast
- (B) Slow
- (C) Smaller
- (D) Fast and smaller

3. One KB is equal to

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

4. 4752105 is

- (A) Numeric Data
- (B) Alphanumeric Data
- (C) Alphabetic Data
- (D) All

5. How many maxterms are formed in Boolean function by using '4' variables?

- (A) 8
- (B) 18
- (C) 24
- (D) 32

6. X COPY is command

- (A) Internal
- (B) External
- (C) Windows
- (D) GUI

7. Deleted files are sent to

- (A) Recycle Bin
- (B) My computer
- (C) My Documents
- (D) Control panel

8. Which language is used for artificial intelligence research?

- (A) VB
- (B) LISP
- (C) COBOL
- (D) JAVA

9. Which one is the important component of computer hardware?

- (A) Mouse
- (B) Printer
- (C) Microphone
- (D) C.P.U

10. CU stand for

- (A) Control unit
- (B) Common unit
- (C) Calculating unit
- (D) Communication unit

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Q. No. 2: Write short answers any four of the following. (2 x 4= 8)

- i. What do you know about ABACUS?**
- ii. What are Nemonics?**
- iii. What is EDP?**
- iv. What is input Unit?**
- v. What is serial Port?**
- vi. What is the purpose of Data Bus?**

Q. No 3: Write short answers of any four of the Following. (2 x 4= 8)

- i. What is meant by DPI?**
- ii. What is data Rate?**
- iii. Define tap storage.**
- iv. What is seek time?**
- v. Convert '(38)₁₀' into Binary number system.**
- vi. Describe the base one radix of counting system.**

Q. No. 4: Write short answers any of four of the following. (2 x 4 = 8)

- i. What are Boolean Variables?**
- ii. What is meant by Literals?**
- iii. What is meant by Graphical User's Interface (GUI)?**
- iv. Which wildcards are used with DIR Command?**
- v. What is Windows Explorer?**
- vi. What are Disk Drives?**

(PART II)

NOTE: Attempt any two questions from this part. (2x 8 = 16)

Q. No. 5: What are language translations? What are the types of language translators? Explain

Q. No. 6: Write note on any two input devices.

Q. No. 7: Perform the subtraction using 1st complement method in 8 bits 120 - 76

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(Group - II)

1. How many function keys are on keyboard?

- (A) 10
- (B) 11
- (C) 12
- (D) 14

2. 1 Nibble = bits.

- (A) 4
- (B) 8
- (C) 10
- (D) 1024

3. A sector of hard disk can store Bytes.

- (A) 500
- (B) 512
- (C) 550
- (D) 600

4. BCD is a Coding scheme.

- (A) 2 bits
- (B) 8 bits
- (C) 4 bits
- (D) 7 bits

5. The AND operator in Boolean algebra is denoted by.

- (A) *
- (B) +
- (C) `
- (D) ``

6. The extension of batch file is

- (A) .exe
- (B) .com
- (C) .bat
- (D) .doc

7. Which interface uses icons and windows?

- (A) Command Line

- (B) DOS
- (C) Command Driven
- (D) Graphical user interface

8. IBM/390 is example of Computer.

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

9. Which one is not an input device?

- (A) Mouse
- (B) Scanner
- (C) Joy Stick
- (D) Monitor

10. The temporary storage location inside the CU

- (A) Main memory
- (B) Register
- (C) Bus
- (D) ROM

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Q. No. 2: Write short answers any four of the following. (2 x 4= 8)

- i. What was Von Neuman contribution in computer history?
- ii. Write the advantages of transistor.
- iii. Define Electronic Data Processing.
- iv. What do you know about Control Unit.?
- v. What is Control Bus?
- vi. Define Parallel Port.

Q. No 3: Write short answers of any four of the Following. (2 x 4= 8)

- i. Write the purpose of DEL Key on keyboard.
- ii. Why RAM is called volatile?
- iii. What is main memory?
- iv. Define Byte.
- v. What is meant by 1st complement of binary number system?
- vi. Convert $(27)_{10}$ into binary number system.

Q. No. 4: Write short answers any of four of the following. (2 x 4 = 8)

- i. What are Boolean Expression?
- ii. Write two advantages of K-MAP.
- iii. Define DOS.
- iv. What is meant by internal command of DOS?
- v. Define folders.
- vi. Write the purpose of Recycle Bin.

(PART II)

NOTE: Attempt any two questions from this part. (2x 8 = 16)

Q. No. 5: Write a note on computer first and third generation.

Q. No. 6: What are impact Printers? Explain any two types of impact Printers.

Q. No. 7: Convert the following decimal number into binary and octal number system $(129)_{10}$