

Computer Science	9th Lahore Board 2018	Paper I (Objective Type)
Time: 15 Minutues	(Group-I)	Max Marks: 10

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer book. Cutting or filling two or more circles will result in zero mark in that question.

1-1 In EBCDIC ... codes can be represented:

- (A) 40 (B) 256
(C) 50 (D) 2

2 Which of the following is an example of an operating system:

- (A) MS-Windows (B) Monitor
(C) Virus (D) Printer

3 K-MAP introduced by....:

- (A) Maurice Karnaugh (B) George bool
(C) Charles Babbage (D) Pascal

4 Computer storages are divided into two main classes:

- (A) Primary and Secondary
(B) Hardware and Software
(C) Hard copy and Soft copy

(D) Printer and Plotter

5 DOS is a ... operating system:

- (A) Multi user (B) Single user
(C) Graphical user (D) Multi tasking

6 Light pen is a/an ... device:

- (A) Output (B) Input
(C) ESC (D) Software

7 USB stands for:

- (A) Universal Serial Bus (B) Universal South Bus
(C) Universal Serial Byte (D) Universal Serial Bit

8 EPROM stands for:

- (A) Only Memory (B) Programmable Memory
(C) Erasable Programmable Read Only Memory
(D) Program Memory

9 Which one is a bus:

- (A) Data bus (B) USB
(C) Monitor (D) VGA

10 C-Language designed by:

- (A) Pascal (B) Von Leibnitz
(C) Denis Ritchie (D) Abacus

Computer Science	9th Lahore Board 2018	Paper I (Essay Type)
Time: 1:45 Hours	(Group-I) Section-I	Max Marks: 40

2. Write short answers to any FOUR (4) questions. 8

- (i) What is assembly language?
- (ii) What do you know about analytical engine?
- (iii) What is output unit?
- (iv) What is bus / system bus?
- (v) What is application software?
- (vi) What is secondary memory?

3. Write short answers to any FOUR (4) questions. 8

- (i) Define input devices.
- (ii) Define main memory.
- (iii) What is meant by ROM?
- (iv) What do you know about DRAM?
- (v) Define information?
- (vi) Convert $(125)_8$ to decimal number.

4. Write short answers to any FOUR (4) questions. 8

- (i) What are boolean functions?
- (ii) Make a truth table of $x + y$.
- (iii) What do you mean by GUI?
- (iv) What is DOS?
- (v) Why is the recycle bin used in Windows?
- (vi) Define computer virus.

PART-II

Note: Attempt any TWO questions.

- 5.** Explain mini computer and micro computer? (4,4)
- 6.** Define monitors. Write a note on CRT and Flat. (8)
- 7.** Solve $(57)_{10} - (126)_{10}$ by using 8-bit 1's complement method. (8)

Computer Science	9th Lahore Board 2018	Paper I (Objective Type)
Time: 15 Minutues	(Group-II)	Max Marks: 10

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer book. Cutting or filling two or more circles will result in zero mark in that question.

- 1-1 How many bits are in one nibble:
 (A) 1 (B) 2
 (C) 4 (D) 8
- 2 In boolean algebra $A.A = \dots$:
 (A) 0 (B) 1
 (C) A (D) A
- 3 Which of the folliwng device is used to get hard copy output:
 (A) Printer (B) CD Writer
 (C) Monitor (D) Processor
- 4 Which command removes directory along with all files and sub-directories in it:
 (A) DEL (B) RD
 (C) DELTREE (D) COPY
- 5 Which technology is used in first generation of computer:
 (A) Vacuum tube (B) Transistors
 (C) IC (D) Microprocessor
- 6 The base of hexadecimal number system is:
 (A) 2 (B) .8
 (C) 10 (D) 16
- 7 How many bits are carried by one line of data bus:
 (A) 1 (B) 2
 (C) 3 (D) 4
- 8 What is extension for Microsoft Excel file:
 (A) .xls (B) .doc
 (C) .bmp (D) .wav
- 9 USB port can connect devices:
 (A) 127 (B) 250
 (C) 275 (D) 300
- 10 One Giga Byte is equal to:
 (A) 1000 bytes (B) 2^{10} bytes
 (C) 2^{20} bytes (D) 2^{30} bytes

Computer Science	9th Lahore Board 2018	Paper II (Essay Type)
Time: 1:45 Hours	(Group-II) Section-I	Max Marks: 40

2. Write short answers to any FOUR (4) questions. 8

- (i) Why is a language translator needed?
- (ii) How does an interpreter work?
- (iii) Define computer software.
- (iv) Define control bus.
- (v) What do you mean by serial port?
- (vi) What is the function of CPU?

3. Write short answers to any FOUR (4) questions. 8

- (i) Define disk drive.
- (ii) What is PROM?
- (iii) Which task is performed in high level formatting?
- (iv) What do you know about DRAM?
- (v) Describe octal number system.
- (vi) Write about BCD coding scheme.

4. Write short answers to any FOUR (4) questions. 8

- (i) What is boolean algebra?
- (ii) Describe the AND operation by truth table.
- (iii) Define the CLI interface.
- (iv) What is the use of CLS command?
- (v) What is window desktop?
- (vi) Define multi-tasking.

PART-II

Note: Attempt any TWO questions.

5. Explain first and second generation of computer. (8)

6. Define mouse and explain mouse events. (8)

7. What is number system? Write a note on any three number system. (8)