

Paper No. 27

Lahore Board  
(First Group)ANNUAL  
2017

ACCORDING TO THE NEW PAPER PATTERN OF ALL BOARDS

Roll No.(in Figures): ..... (in Words): .....

Maximum Marks: 10

**(OBJECTIVE TYPE)**

Time Allowed : 15 Minutes

	A	B	C	D	Write correct option
1	(A)	(B)	(C)	(D)	_____
2	(A)	(B)	(C)	(D)	_____
3	(A)	(B)	(C)	(D)	_____
4	(A)	(B)	(C)	(D)	_____
5	(A)	(B)	(C)	(D)	_____
6	(A)	(B)	(C)	(D)	_____
7	(A)	(B)	(C)	(D)	_____
8	(A)	(B)	(C)	(D)	_____
9	(A)	(B)	(C)	(D)	_____
10	(A)	(B)	(C)	(D)	_____

**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. Cutting or filling two or more circles will result in zero mark in that question.

Q1.

10

1. OR operator of Boolean Algebra is denoted by:

- (A) \* (B) . (C) + (D)

2. Which extension file is used for sound?

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

3. How many bits are in one byte?

- (A) 8 (B) 4 (C) 2 (D) 16

4. Wild cards used with DIR command are:

- (A) \*,? (B) \*,# (C) ?,# (D) ?, \$

5. Today's most common form of modern computer is:

- (A) Super Computer (B) Mini Computer (C) Personal Computer (D) Analog Computer

6. Fourth generation computer used:

- (A) Vacuum tube (B) Transistor (C) Integrated circuit (D) Micro processor

7. The number of digits in hexadecimal system is:

- (A) 15 (B) 16 (C) 17 (D) 18

8. Which of the following is mouse event?

- (A) Key down (B) Key up (C) Right click (D) Key press

9. The large picture on the background of the desktop screen is called:

- (A) Image (B) Icon (C) Wall paper (D) Background

10. A bus with 32 lines can carry data:

- (A) 64 bits (B) 32 bits (C) 32 bytes (D) 52 bits

## Lahore Board 2017 (First Group)

Roll No.(in Figures): ..... (in Words): .....

Maximum Marks: 40

**(SUBJECTIVE TYPE)**

Time Allowed :1.45 Hours

**PART - I**

Q2. Write short answers of any FOUR (4) parts:

(4×2=8)

- (i) What is analytic engine?
- (ii) Write any two advantages of transistors.
- (iii) What is ENIAC?
- (iv) What is data bus?
- (v) Define electronic data processing.
- (vi) Write names of any two hardware components of computer.

Q3. Write short answers of any FOUR (4) parts:

(4×2=8)

- (i) Define input devices.
- (ii) Write two names of pointing devices.
- (iii) Define data and information.
- (iv) Solve  $(11101)_2 + (10111)_2$ .
- (v) Prove that  $X \cdot X = X$ .
- (vi) Make a truth table of  $A + B$ .

Q4. Write short answers of any FOUR (4) parts:

(4×2=8)

- (i) What is cache memory?
- (ii) Define hard disk.
- (iii) What is graphical user interface?
- (iv) What is DOS command?
- (v) What is internet explorer?
- (vi) Define desktop.

**PART - II**

Note: Attempt any TWO questions.

Q5. Write a note on second and third generation of computer.

8

Q6. What is mouse? Explain its events.

8

Q7. Solve 38-29 by 1's complement method.

8

Paper No. 28

Lahore Board  
(Second Group)ANNUAL  
2017

ACCORDING TO THE NEW PAPER PATTERN OF ALL BOARDS

Roll No.(in Figures): ..... (in Words): .....

Maximum Marks: 10

**(OBJECTIVE TYPE)**

Time Allowed : 15 Minutes

	A	B	C	D	Write correct option
1	(A)	(B)	(C)	(D)	
2	(A)	(B)	(C)	(D)	
3	(A)	(B)	(C)	(D)	
4	(A)	(B)	(C)	(D)	
5	(A)	(B)	(C)	(D)	
6	(A)	(B)	(C)	(D)	
7	(A)	(B)	(C)	(D)	
8	(A)	(B)	(C)	(D)	
9	(A)	(B)	(C)	(D)	
10	(A)	(B)	(C)	(D)	

**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. Cutting or filling two or more circles will result in zero mark in that question.

Q1.

10

1. The OR operator of Boolean Algebra is denoted by:

- (A) \*                      (B) ·                      (C) .                      (D) -

2. Shut down option exists on:

- (A) Taskbar              (B) Start menu              (C) Desktop              (D) Title bar

3. The extension of batch file is:

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

4. The base of binary number system is:

- (A) 2                      (B) 8                      (C) 10                      (D) 16

5. The extension of microsoft excel file is:

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

6. CD can store..... data.

- (A) 200 MB              (B) 500 MB              (C) 700 MB              (D) 1700 MB

7. Which of the following is output devices?

- (A) Mouse                      (B) Scanner                      (C) Keyboard                      (D) Printer

8. How many bits are in one nibble?

- (A) 1                      (B) 2                      (C) 4                      (D) 8

9. Which of the following is the most powerful computer?

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

10. The first generation computers used:

- (A) Vacuum tube              (B) Transistor              (C) Integrated circuit              (D) Micro processor

## Lahore Board 2017 (Second Group)

Roll No.(in Figures): ..... (in Words): .....

Maximum Marks: 40

**(SUBJECTIVE TYPE)**

Time Allowed :1.45 Hours

### PART - I

**Q2. Write short answers of any FOUR (4) parts:** (4×2=8)

- (i) What is Fortran language?
- (ii) Write any two positive impacts of computer and internet on society.
- (iii) What is ENIAC?
- (iv) What is the difference between computer hardware and software?
- (v) What is motherboard?
- (vi) What is data bus?

**Q3. Write short answers of any FOUR (4) parts:** (4×2=8)

- (i) What is monochrome monitor?
- (ii) What is hardcopy output?
- (iii) Convert  $129_{10}$  into binary number.
- (iv) Write any two examples of numeric data.
- (v) What is meant by boolean variable?
- (vi) Write any two advantages of K-map.

**Q4. Write short answers of any FOUR (4) parts:** (4×2=8)

- (i) What is meant by rotational delay?
- (ii) Write about sequential access.
- (iii) Define operating system.
- (iv) What is executable file?
- (v) Write any two names of file extension.
- (vi) What is meant by my computer icon?

### PART - II

Note: Attempt any TWO questions.

**Q5. Define computer and describe the classification of computer.**

**Q6. What is RAM? Describe its types.**

**Q7. Describe AND and OR operation through truth table.**