

**Test No. 8 (Chapter NO. 5 – 8 ) (2<sup>nd</sup> Half Book)**

<b>Computer Science</b>	<b>9th class Punjab/Sindh Board -2020</b>	<b>Paper I/II</b>
<b>Time:15 Min</b>	<b>Objective Type</b>	<b>Marks:10</b>

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

- 1.1 4752105 is  
(a) Alphabetic data (b) Numeric data (c) alphanumeric data (d) All of these
2. The base of binary number is.  
(a) 10 (b) 2 (c) 8 (d) 16
3. OR operator of Boolean algebra is denoted by.  
(a) + (b) \* (c) \_ (d) .
4. Which one of the following is an application software?  
(a) Windows (b).Linux (c) MS-Excel (d) DOS
5. How many types of language translator are?  
(a) 1 (b) 2 (c) 3 (d) 4
6. The base of Hexadecimal number system is.  
(a) 15 (b) 17 (c) 8 (d) 16
7. What is the extension of word files?  
(a) .doc (b) .ppt (c) .xls (d) .mdb
8. Shut down option exists on.  
(a) Taskbar (b) Start menu (c) Desktop (d) Title bar
9. All files deleted from computer are stored in.  
(a) Taskbar (b) Windows (c) My Document (d) Recycle Bin
10. \_\_\_\_\_ Can be used to removed/installed software.  
(a) Control panel (b) Task bar (c) My documents (d) Control IconC

	A	B	C	D		A	B	C	D		A	B	C	D		A	B	C	D					
1	A	B	C	D	4	A	B	C	D	7	A	B	C	D	10	A	B	C	D	13	A	B	C	D
2	A	B	C	D	5	A	B	C	D	8	A	B	C	D	11	A	B	C	D	14	A	B	C	D
3	A	B	C	D	6	A	B	C	D	9	A	B	C	D	12	A	B	C	D	15	A	B	C	D

نوٹ: معروضی سوال تاسے کو توجہ سے پڑھیں اور ہر MCQ کی درست آپشن A,B,C,D کو پین کی سیاہی یا مارکر سے اس طرح پُر کریں کہ سیاہی دائرے سے باہر نہ نکلے۔ ایک سے زیادہ دائروں کو پُر کرنے یا کاٹ کر پُر کرنے کی صورت میں مذکورہ جواب غلط تصور ہوگا۔

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<b>Computer Science</b>	<b>9th class Punjab/Sindh Board -2020</b>	<b>Paper I/II</b>
<b>Time:1:45 Hours</b>	<b>Essay Type</b>	<b>Marks:40</b>

**PART – I**

- 2. Write a short answer to any FOUR (4) question. 8**
- (i) Convert  $27_{(10)}$  into binary number system.
  - (ii) Difference between data and information.
  - (iii) What is Numeric data?
  - (iv) Define octal number system.
  - (v) What is Boolean variables?
  - (vi) Define Boolean Expression.
- 3. Write a short answer to any FOUR (4) question. 8**
- (i) State the function of Truth table.
  - (ii) Make truth table for OR operator.
  - (iii) Differentiate between AND and OR operator.
  - (iv) What is De-Morgan's law?
  - (v) What is the advantage of K-map method?
  - (vi) What is the application software?
- 4. Write a short answer to any FOUR (4) question. 8**
- (i) Define operating system.
  - (ii) What is start button?
  - (iii) Write two uses of CD command.
  - (iv) What is Graphical user interface?
  - (v) Write the function of folder.
  - (vi) Write about great gaming platform in Windows.

**PART – II**

**Note: Attempt any TWO questions.**

- 5. Draw the truth table 8**
- 6. Simply Boolean Function with K-map method. 8**
- 7. Describe the following element of Boolean algebra. 8**
- (i) Boolean Constant
  - (ii) Boolean Variable
  - (iii) Boolean Expressions



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