

Test No. 1 (Chapter NO.1)

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

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.

- How many possible solutions are there for a problems?
(a) One (b) Two (c) Three (d) Multiple
- Typographical errors in BASIC statement are.
(a) Runtime error (b) Logical error (c) Syntax error (d) Execution error
- Division by zero is.
(a) Syntax error (b) Logical error (c) Run-time error (d) Not an error
- The symbolic form of Algorithm.
(a) Flow chart (b) Process (c) Coding (d) None
- Which is used for decision making.
(a)  (b)  (c)  (d) 
- If we write pint instead of print.
(a) Syntax (b) logical (c) Runtime (d) None
- The errors of typing in Basic Statement are called.
(a) Runtime error (b) Logical error (c) Syntax error (d) Execution error
- The diamond symbol in flowchart indicates.
(a) Input/output (b) Decision making (c) Processing (d) Remarks
- The process of finding and removing errors in the program is called.
(a) Desk checking (b) Compiling (c) Debugging (d) Coding
- Algorithm is a.
(a) Requirement document (b) Text Document (c) Design document (d) User Guide

	A	B	C	D		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 نامے 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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Computer Science	10th class Punjab/Sindh Board -2020	Paper I/II
Time:1:45 Hours	Essay Type	Marks:40

PART – I

2. Write a short answer to any FOUR (4) question. 8

1. (i) Write two limitation of flow chart.
- (ii) What is syntax error?
- (iii) Define bugs and debugging.
- (iv) Define Top-Down design technique.
- (v) What method should be adopted to solve complex problems?
- (vi) What is syntax in programming language?

3. Write a short answer to any FOUR (4) question. 8

- (i) Define top down design.
- (ii) Why documentation is considered vital in problem solving process?
- (iii) Is it necessary for an algorithm to solve a problem in finite number of steps? If Yes, Why?
- (iv) What is logical error?
- (v) Differentiate between testing and debugging.
- (vi) What is run-time error?

4. Write a short answer to any FOUR (4) question. 8

- (i) Draw any three symbols of Flowchart and name them.
- (ii) Differentiate between Implementation and Coding.
- (iii) Why the identification of problem is necessary.
- (iv) Write two advantages of flow chart.
- (v) Differentiate between Problems solving method and specify requirements.
- (vi) Which error occur due to a wrong algorithm.

PART – II

Note: Attempt any TWO questions.

- 5. What is debugging? How many types of error can occur in program? Describe 8**
- 6. Define flowchart. Also write its advantages and two demerits of flow chart. 8**
- 7. Write program to print all even number between 1 to 10 8**



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