

BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, PESHAWAR

Secondary School Certificate (S.S.C.) Annual Examination 2019

COMPUTER SCIENCE (New)

Class: 10th (Fresh)	Ref: PR X (01) 19	Medium: English
Time: 2½ Hours		Total Marks: 55

Note: There are THREE sections in this paper i.e. Section A, B and C. Attempt Section-A on the same paper and return it to the Superintendent within the given time. No marks will be awarded for Cutting, Erasing or Overwriting. Marks of identification will lead to UFM case. Mobile Phone etc are not allowed in the examination hall.

SECTION - A (Objective)

Time: 15 minutes · Marks: 11

Q-I Write the correct option i.e. A, B, C or D in the empty box provided opposite to each part.

- i. Each program in C must start with.....function.
A. const() B. main() C. name() D. gets()
- ii. In which language instructions are converted into Binary code?
A. C B. Java C. Machine D. Assembly
- iii. In which of the given functions output can display on screen?
A. getchar() B. gets() C. scanf() D. printf()
- iv. How many loops structure in C language?
A. 2 B. 3 C. 4 D. 6
- v. Loop within a loop is called.....
A. Counter loop B. Complex loop C. Outer loop D. Nested loop
- vi. The condition of If statement enclosed in bracket.
A. [] B. { } C. () D. < >
- vii. Electronic circuits which takes one or more inputs signals and gives single outputs is called.....
A. Diagram B. Table C. Logic Gate D. None of these
- viii. Output of compiler is called.....
A. Program B. Source code C. Link code D. Object code
- ix. Functions which accept data and then store in variable is called.....
A. Output function B. String function C. Numeric function D. Input function
- x. Which languages are used for making web pages?
A. C language B. URL C. HTML D. None of these
- xi. Who developed C language?
A. Bill Gates B. John Kemany C. Dennis Ritchie D. Thomas Khurtz

Note: Time allowed for Section - B and Section - C is 2 Hours and 15 minutes.

SECTION - B

Marks: 28

Q-II Answer any SEVEN parts. Each part carries FOUR marks.

1. What are reserved words or keywords?
2. What is algorithm?
3. What is flow chart?
4. What is IDE?
5. What are format specifiers? Give examples.
6. Draw diagram and truth table for AND gate having two variables.
7. What is operators?
8. Write HTML tags for Title, Paragraph, Line Break, Spaces and Heading.
9. Differentiate between compiler and interpreter.

SECTION - C

Marks: 16

Note: Attempt any TWO questions in detail. All questions carry equal marks.

Q-III Explain different types of looping structures with examples.**Q-IV** What is programming language? Explain different types of programming languages.**Q-V** Write a program in "C" language that reads three number and prints their sum, product and average.

Notes on this transcription

1. Typeset transcription of the Peshawar Board sheet (English-medium text). The sheet also prints the same paper for Urdu-medium candidates; that half is not in this file.
2. The source sheet came with answers already marked by the publisher. Options are given here unmarked; no answer key is included.
3. The roll-number, superintendent and Fic. No. blocks printed at the top of the answer sheet are omitted.
4. Peshawar sheets print no group label, so the paper is filed without one.
5. Section B 5: the "p" of "specifiers" is broken in the board's own printing (it reads "s,ecifiers"); set as "specifiers".
6. Kept verbatim as printed: "John Kemany", "Thomas Khurtz" (Section A xi), "How many loops structure", "What is operators?", "reads three number".