

BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, PESHAWAR

Secondary School Certificate (S.S.C.) Supplementary Examination 2020

COMPUTER SCIENCE (New)

Class: 10th (Reappear)	Ref: PR X (SE) 20	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. Which of the given statement is used in the body of loop to exit from the loop?
A. Break B. Terminate C. Exit D. Both A and B
- ii. Which of the given loop is a good choice when the number of iterations are known in advance?
A. Do-while B. For C. While D. Nested
- iii. The gate whose output is "1" when all the inputs are 0's is called.....
A. NAND gate B. NOR gate C. NOT gate D. XoR gate
- iv. A collection of web pages hosted on a web server is called.....
A. Web address B. Website C. Home page D. Web browser
- v. An electronic circuit that takes one or more input signals and produces a single output signal is called.....
A. Diagram B. Table C. Digital logic gate D. None of these
- vi. Which statement is used to move the control to the start of loop body?
A. Continue B. Break C. While D. For
- vii. Which programming statement makes a decision?
A. If B. Break C. Assignment D. None of these
- viii. The switch statement is used for.....choice or selection.
A. Single B. Multiple C. Substitute D. None of these
- ix. Which of the given is the format specifier for integer data type?
A. %s B. %c C. %d D. %f
- x. Which of the given modules is not part of "C" programming?
A. Compiler B. Editor C. Linker D. Converter
- xi. Which of the given is not a high level language?
A. BASIC B. Assembly language C. Pascal D. FORTRAN

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 is IDE?
2. Write rules for variable names.
3. What is the purpose of gets() function?
4. Write general syntax of If-else statement.
5. What is truth table?
6. What is algorithm?
7. What is search engine?
8. What is looping?
9. What are escape sequences?

SECTION - C

Marks: 16

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

Q-III What are operators? Explain different types of operators with examples.**Q-IV** Write a "C" program that reads name and address of a student and prints it on the screen using gets() and puts() functions.

Q-V Write short notes on any two of the following:
(a) Header file (b) Reserved words (c) Web portals

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. This is the 2020 supplementary (reappear) sitting, marked "PR X (SE) 20 — 10th (Reappear)" on both sheets. The subjective upload was named "group-1", but no group is printed.
6. Kept verbatim as printed: "XoR gate", "the number of iterations are known".