

ESKPX-XXVI (I)
SSC-(P-II)
COMPUTER SCIENCE – 10th

Time: 2 Hours 15 Minutes

SECTION "B"

Marks: 28

Q.2. Give short answers to any SEVEN (07) questions. All questions carry equal marks.

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| i. Define any three problem solving techniques. | 04 |
| ii. Define candid solution of a problem. | 04 |
| iii. What are the characteristics of high level languages? | 04 |
| iv. Differentiate between compiler and interpreter. | 04 |
| v. What is the purpose of const qualifier? | 04 |
| vi. Differentiate between <i>getch</i> () and <i>getche</i> () functions. | 04 |
| vii. Evaluate the following expressions. | 04 |
| a) $9 - 5 * (6 + 2)$ | |
| b) $100\%50 - 100\%3$ | |
| viii. Write a program that executes a single statement if the given condition is true. | 04 |
| ix. Write a program that display numbers in reverse order from 10 to 1. | 04 |

SECTION "C"

Marks: 16

Note: Attempt any TWO (02) questions from the following. Each question carries equal marks.

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| Q.3. How variables are declared and initialized in C-language? Give examples. | (08) |
| Q.4. Write a program that reads name and address of a student and prints it on the screen using <i>gets</i> () and <i>puts</i> () functions. | (08) |
| Q.5. What are the three basic gates? Draw their circuit diagrams and truth table. | (08) |