

10th CLASS GUESS PAPER COMPUTER SCIENCE NEW BOOK- 2022-2023

ALL PUNJAB BOARD

LAHORE, RAWALPINDI, GUIRANWALA, SAHIWAL, MULTAN, FAISAL ABAD, SARGODHA
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KNOWLEDGE BASED = 50% - UNDERSTANDING BASED = 35% - APPLICATION BASED = 15%

UNIT NO. 1 INTRODUCTION TO PROGRAMMING.

MCO'S- Page No. – 18- MCO'S NO. 1,2,3,,6,7

KNOWLEDGE BASE 50%

1. What is Integrated Development Environment (IDE)?
2. Explain the structure of a C language Program?
3. Define Constants and its types.
4. What is Variables? Explain Data type of a Variable.
5. What difference between Variables and Constants?
6. How can we declare and initialize a variable?
7. What is the purpose of compiler in C language?
8. What do you know about reserved words?
9. Difference between Real constant and Character constant.
10. What is floating point data?

UNDERSTANDING BASED-35%

1. Who developed is C language.
2. How to use compilers.

APPLICATION BASED= 15%

1. Write in the value ranges.

LONG QUESTIONS.

1. Write the steps to create a C program file in the IDE of your lab computer.
2. List down five reserved words in C Programming language.
3. Differentiate between Constant and Variables.
4. Different between Char and int.

PROGRAMING EXERCISE:

UNIT NO. 2

USER INTERACTION

MCO'S- Page No. – 45- MCO'S NO. 1,2,3,6,7,8,9

KNOWLEDGE BASED= 50%

1. What is the difference between scanf and getch?
2. Which function of C language is used to display output on screen?
3. What are escape sequences? Why do we need them.
4. Which operators are used for arithmetic operations?
5. Why format specifiers are important to be specified in I/O operations?
6. What are logical operators?

UNDERSTANDING BASED=35%

1. How C language offers
2. C language performs short –circuit evaluation.

APPLICATION BASED=15%

1. How different printf is scanf
2. How different Relational operators and logical operator.

LONG QUESTIONS.

1. What is the difference between scanf and getch?
2. What are escape sequences? Why do we need them?
3. What is difference between == operator and = operator?
4. What is difference between unary operators and binary operators?
5. Write difference between Logical operators and relational operators.

PROGRAMMING EXERCISE.: Exercise – 1, Exercise - 2. Exercise - 7

UNIT NO.3

CONDITIONAL LOGIC.

MCO'S- Page No. – 70- MCO'S NO. 1,2,3,5,6,7

KNOWLEDGE BASED-50%

1. What do you know about control statement?
2. What is sequential control?
3. What is Selection Statements?
4. What is the use of if Statement?
5. What is the purpose of if in if statement structure?
6. Draw a flow chart to shows the basic flow of if statement.
7. Define compound statement.
8. What is Nested Selection Structures?
9. Define Condition?

UNDERSTANDING BASED-35%

1. What is block

APPLICATION BASED=15%

1. What is switch-case?
2. What is associated code?

LONG QUESTIONS.

1. Difference between sequential and selection statements.
2. Difference between if statement and if else statement with an example.
3. What is the use of nested selection structures?

PROGRAMMING EXERCISE:

Exercise – 2 , Exercise – 3- Exercise – 5, Exercise - 6

CHAPTER NO.4

DATA AND REPETITION.

MCO'S- Page No. – 97- MCO'S NO. 1, 2, 3, 6, 7, 8, 10

KNOWLEDGE BASED=50%

1. Define Data Structure
2. What is an Array?
3. What is Loop?
4. What is the general structure of loops?
5. Draw a flow chart of for loop structure.
6. Find the output of below program.
7. Define an iteration.
8. What is nested loop structures?
9. What is difference between Loops and Arrays?
10. Write down the example of while loop.
11. Define counter variable in for loop?

UNDERSTANDING BASED-35%

1. Is loop a data structure?

LONG QUESTIONS.

1. What is the use of nested loops?
2. What is the advantage of initializing an array at the time of declaration?
3. Describe the structure of a for loop.

PROGRAMMING EXERCISES.

EXERCISE NO. 4- EXERCISE NO. 5- EXERCISE NO. 6
ACTIVITY NO. 1 – ACTIVITY NO. 2- ACTIVITY – 3

UNIT NO. 5

FUNCTIONS.

MCO'S- Page No. – 113- MCO'S NO. 1, 2, 3, 6, 8

KNOWLEDGE BASED-50%

1. What is problem solving?
2. Write down the name of types of Function.
3. Define Built in functions?
4. Define User defined functions?
5. Define reusability?
6. Define readability?
7. What is parameter of function?
8. What is the general structure of defining a Function?
9. Write down the example to define the function.
10. Define arguments?

UNDERSTANDING BASED -35%

1. What is function?
2. What is parameters?

LONG QUESTIONS.

1. What is the difference between arguments and parameters? Give an example.
2. Enlist the parts of a function definition.
3. Is it necessary to use compatible data types in function definition and function call? Justify your answer with an example.
4. What do you know about the return keyword?

PROGRAMMING EXERCISE:

EXERCISE NO. 3- EXERCISE NO. 5- EXERCISE NO. 7-