



Name

Roll No

1- ہر سوال کے ساتھ چار دائرے دئے گئے ہیں، صرف صحیح جواب والا دائرہ بھریں۔

2- دائروں کو شیڈ (بھرنے) کے لئے نیچے والے رنگ کا کارڈ استعمال کریں۔

3- جواب میں ایک سے زائد دائرے بھرنے سے جواب غلط تصور ہوگا۔

Time Allowed: 20 Minutes

SECTION - A

Marks : 15

- 1 is the process of executing users programs to find its error. ☐ Coding ☒ Design ☐ Testing ☐ Planning
- 2 The combination of characters, words and records is called: ☐ Table ☐ Files ☐ Relationship ☐ Algorithm
- 3 An array of characters is called: ☐ Function ☒ String ☐ Loop ☐ Class
- 4 Function overloading is used to achieve: ☐ Inheritance ☒ Polymorphism ☐ Constructor ☐ Destructor
- 5 members are accessible from anywhere where the object is visible. ☐ Private ☒ Public ☐ Protected ☐ None of these
- 6 The variable in function calls that hold the values to be passed to the function are called.....parameters. ☐ Formal ☒ Actual ☐ Local ☐ Global
- 7 We declare a function with..... if it does not have any return type. ☐ Long ☐ Double ☒ Void ☐ Int
- 8 & is the.....operator. ☐ Dereference ☐ Reference ☐ Pointer ☐ None of these
- 9 A technique in which a process, executing an application is divided into single sequence stream that run concurrently is called: ☐ Multiprocessing ☐ Multi-programming ☒ Multithreading ☐ Batch processing
- 10 Which of the given is not a process state? ☐ Ready ☐ Running ☐ Block ☒ Jumping
- 11 The entities having a positive or negative influence in the project completion are known as: ☐ Stake supervisors ☒ Stake holders ☐ Stake owners ☐ None of these
- 12 is not a jump statement in C++. ☐ Break ☐ Goto ☐ Exit ☒ Switch
- 13 The variable defined usually at the top of a program before the main() are called: ☐ Local ☒ Global ☐ Static ☐ None of these
- 14 System software is also known as: ☐ Application program ☒ Operating system ☐ Resource program ☐ Productivity program
- 15 System maintenance is performed in response to: ☐ Business changes ☐ Hardware and software changes ☐ User requests for additional features ☒ All these

P-334
PR XII (A) 25
COMPUTER SCIENCE
Inter Part -II (New)
(Fresh/Reappear)

Note: Time allowed for Section - B and Section - C is 2 Hours and 40 minutes.

Marks: 40

Section - B

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

1. Define Batch Processing Operating System.
2. What is preprocessor directive? Write two preprocessor directive which are commonly used.
3. What are data types? Write three fundamental data types used in C++ with syntax and example.
4. Write C++ program to find out minimum number out of any five numbers using conditional operator.
5. Differentiate between formal and actual parameters.
6. Describe the role of the following in function overloading:
(i) Data types of arguments (ii) Number of arguments.
7. What is polymorphism? Give real life example of polymorphism in C++.
8. Define data member and member function of a class.
9. What is meant by the term mode of a file opening? Describe different modes of opening file.
10. What is feasibility? Describe technical, economic, operational and schedule feasibility.
11. What is Flowchart? Draw four symbol used in flowchart along with their purpose.
12. What is increment and decrement operator also discuss prefix and postfix form of increment/decrement operator.
13. Write the main advantages of using pointers in C++ language.

Marks: 20

Section - C

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

- Q-III** (a) Define Software Development Life Cycle (SDLC) and what are its objectives?
(b) Explain Analysis and design as a main phases of SDLC.
- Q-IV** Write down a C++ program to find the multiplication of two matrices A[3][2] and B[2][3].
- Q-V** Write short note on the following:
- (a) Advantages and disadvantages of distributed operating system.
 - (b) Switch - default statement.