HALF-YEARLY EXAMINATION - 2023

COMPUTER SCIENCE

リグロス MARKS: 70

STD - XI

TIME: 3.00 Hrs

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I. Answer all the questions. 1. Which is used to connect a monitor or any display device like LCD projector to a computer? d) PS/2 Port c) USB Port b) VGA Connector a) SCSI Port 2. For 1010, the Hexadecimal equivalent is a) C d)A c) E b) B Which gate is called as the logical inverter? d) NOT b) AND c) OR a) XNOR 4. File Manangement manages d) All of the above c) Files b) Directory systems a) Folders 5. After the assignment what values will be stored in the variable m, n? 1) m, n:= 10, 5 2) m, n:= m+3, n-2 3) m, n:=?? d) 10, 5 c) 10, 13 b) 13, 3 a) 3, 13 6. Which is the fastest memory? d) Blue-Ray disc c) Main memory b) Hard disk a) Cache memory a) F6 b) F5 c) F2 d) F4 7. The shortcut key used to rename a file in windows ? Which of the following statement is used to terminate the execution of the loop? d) while c) continue b) goto a) break 9. for (int i = 0; i <= 10; i + 1). How many times will the loop be executed? d) 0 c) 9 b) 10 a) 11 10. In c++ which function is used to check whether a character is alphanumeric or not? d) isalnum() c) isdigit() b) isalpha() a) islower() 11. Which of the following is the scope resolution operator? b):: c) > 12. cin>>n[4]; to which element does the statement accept the value? d) 3 b) 2 c) 5 a) 4 13. The term used to describe a programming approach based on classes and objects is d) OOP c) POP b) SOP a) ADT 14. Which of the following constructor is executed for the following prototype? add display (add & a); b) parameterized constructor a) copy constructor d) non-parameterized constructor c) default constructor

XI - COMPUTER SCIENCE - Page 1

- - b) Explain the versions of windows operating system.
- 36. a) Explain the types of errors in c++
 - b) Explain call by value method with example.
- 37. a) What are the restrictions on operator overloading? (OR)
 - b) Mention the difference between constructor and destructor.
- 38. a) i) Explain in the main features of oops
 - ii) What ar the advantages of oops (OR)
 - b) Explain the different types of cyber attacks.

XI - COMPUTER SCIENCE - Page 2