COMMON QUARTERLY EXAMINATION - 2024 STANDARD - XI

TI	ME: 3.00 hrs COM	PUTER SCIENCE	MARKS:70
73.		PART - I	Market Market
14	Answer all the Questions	7144	15x1=15
	First generation Computers use	d	
	a) Vacuum tubes b) Transistors	s c) Integrated circuits	d) Microprocessors
2.		The state of the s	The second second Vision
	a) kilo b) Tera	c) Peta	d) Zetta
3.		And the second	kyn i en die kwar i viji i ji
	a) NOT(OR) b) NOT(AND)	c) NOT(NOT)	d) NOT(NOR)
4.	Which is the fastest memory?		
	a) Hard disk	b) main memory	The Activation of the Action
	c) Cache memory	d) Blue-Ray disc	in the same of the day
5.			
20	a) F2 b) F4	c) F5	d) F6
6.		e i majar i carate de s	
	a) Application Software	b) Hardware	and the Revenue of the Aville
	c) System Software	d) Component	
7.		e input - output relation	a problem is known
	a) specification b) statement	c) algorithm	d) definition
8.	How many times the loop is itera		्रिक्ष के इस्तान करते हैं। अधिकारित
	i: = 0	A CONTRACTOR OF THE CONTRACTOR	
700	While i ≠ 5		anne sa la comina de la desergia de VI
	i: = i+1	and A Jan B. Distance	
	a) 4 b) 5	c) 6	d) 0
9.	A loop invariant need not be true		ALLEY LESS SET COME.
	a) at the start of the loop b) at the start of each iteration		
	c) at the end of each iteration	d) at the start of the a	lgorithm
10.	If mxa + nxb is an invariant for th	e assignment a, b : = a	a+8, b+7, the values of
	m and n are	1401	
	a) m=8, n=7 b) m=7, n=-8	c) m=7, n=8	d) m=8, n=-7
11.	Who coined C++?		
	a) Rick Mascitti b) Rick Bjarne	c) Bill Gates	d) Dennis Ritchie
12.	Which of the following operator is	s extraction operator in	C++?
	a) >> b) <<	c) <>	d) ^^
	Which of the following operator re	eturns the size of the d	ata type?
			d) double ()
	This can be used as alternate to		
		c) \0	d) \n
	How many types of iteration state		To an action of the second
		c) 4	d) 5
- 1. ·	-, -	V) 6	

XI Computer Science (2) PART - II Answer any six questions. (Question No.24 is compulsory) 16. What are the components of a CPU? 17. Convert (46)₁₀ into Binary number?
18. What are the parameters which influence the characteristics of microprocessor? 19. What is a GUI? 20. What is known as Multitasking? 21. Define an algorithm? 22. What is an invariant? 23. What is a null Statement and Compound Statement? 24. The following constants are of which types? ii) 032 iii) OXCAFE iv) 04.14 PART - III III Answer any six questions. (Question No.33 Is compulsory) 25. Write the characteristics of Sixth generation? 26. Write the De Morgan's law? 27. Classify the microprocessor based on the size of the data? 28. List out the Key features of operating system. 29. Differentiate copy and move. 30. What is case analysis? 31. What is the use of a header file? 32. Write the Syntax and purpose of switch Statement? 33. Evaluate the following c++ expressions where x, y, z are integers and m, n are floating Point numbers. The value of x=5, y=4 and m=2.5; i) n=x+y/x; ii) $z=m^*x+y$; iii) $z=(x++)^*m+x$; PART - IV IV Answer all the Questions. 34. a) Explain the basic components of a computer with a neat diagram? (OR) b) Write the specification of an algorithm hypotenuse whose inputs are the lengths of the two shorter sides of a right angled triangle, and the output is the length of the third side. 35. a) Find 1's complement and 2's complement for the following Decimal number. a) - 98b) - 135(OR) b) List out the points to be noted while creating a user interface for an operating system? 36. a) Explain the Types of ROM. (OR) b) Write about Binary Operators used in c++? 37. a) Write the procedure to create shortcut in windows OS? (OR) b) Explain the fundamental gates with expression and truth table? 38. a) What are the types of Errors? (OR) b) What is an entry control loop? Explain any one of the entry controlled loop with suitable example.