JHARKHAND Rai University
RANCHI

End Semester/Reappear (Semester II) Examination May 2025

Programme: BCA
Course: Computer Assembly and Repair **Full Marks: 70**
Course Code:3CSEC102 **Time: 3 Hrs.**
Enrolment no. _____

Q. No.	Questions	CO	Bloom Taxonomy Category	Marks
	Section I			
1	**Short Answer type questions.**			**4 x 5 = 20**
a	Show the steps to disassemble the desktop system safely.	CO1	Apply	
	or			
	Describe the function and importance of the SMPS in a desktop computer system.	CO1	Apply	
b	Explain the difference between VGA and HDMI ports.	CO2	Analyze	
	or			
	Describe the procedure to connect a PS/2 keyboard to a computer.	CO2	Remember	
c	How do you install Python 3.8 on a Windows system?	CO3	Apply	
	or			
	Describe the steps to diagnose why a computer's CPU is not switching on, focusing on SMPS and motherboard checks.	CO3	Understand	
d	Describe the process of installing a new graphic card into a desktop system.	CO4	Apply	
	or			
	How do you add a new speaker to a desktop computer system?	CO4	Apply	
	Section II			
	Long Answer type questions.			**3 x 10 = 30**
2	Explain and demonstrate the command-line method to recover hidden files from a corrupted pen drive.	CO1	Understand	
	or			
	Diagnose the problem if the computer beeps with a blue screen, indicating a RAM issue.	CO1	Understand	
3	Explain the variations in system performance before and after installation.	CO2	Understand	
	or			
	Demonstrate the installation of new hardware devices such as a keyboard, mouse, speaker, or microphone.	CO2	Apply	
4	Demonstrate the complete process of assembling a desktop system from individual components.	CO3	Apply	
	or			
	Explain and demonstrate the process of adding additional RAM to a system.	CO3	Apply	
	Section III			
	Application based questions			**1 x 20 = 20**
5	Draw and evaluate the procedure to enable and disable USB and LAN ports within the BIOS.	CO4	Evaluate	
	or			
	Explain and analyze the command-line method to recover hidden files from a corrupted pen drive and also demonstrate the use of Disk Drill software to recover data from a crashed hard disk.	CO4	Analyze	

COURSE OUTCOME

CO1:To identify the essential components of a computer.
CO2: Able to describe the function of the essential components of a computer.
CO3: To recommend hardware and assemble a computer with essential components.
CO4: Students will be able to troubleshoot hardware components & Software Tools.