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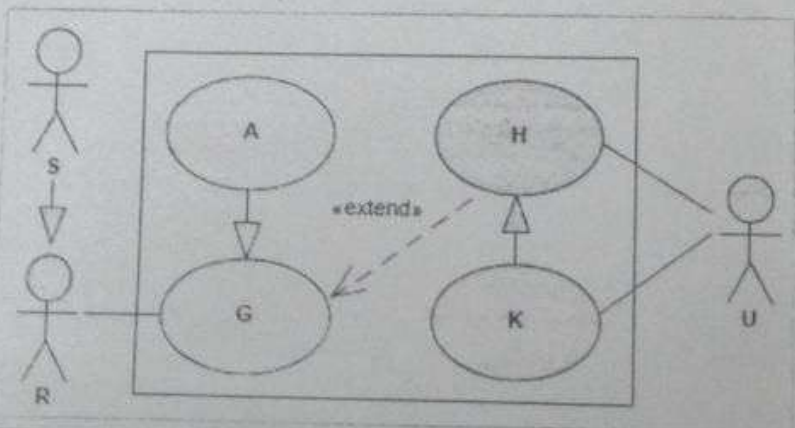
Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam – 603 110
(An Autonomous Institution, Affiliated to Anna University, Chennai)
Computer Science and Engineering
Continuous Assessment Test – I
Question Paper

Degree & Branch	B.E. CSE			Semester	6
Subject Code & Name	UCS1604 - Object Oriented Analysis and Design			Regulation:	2018
Academic Year	2021-2022	Batch	2019-2023	Date	4/4/2022
Time: 90 Minutes	Answer All Questions			Maximum: 50 Marks	

Part – A (6×2 = 12 Marks)

<K1>	1. What are the 3 ways to apply UML and list the 3 perspectives of UML?	<CO1>
<K2>	2. Outline the differences between OOA and OOD.	<CO1>
<K2>	3. Explain the strategies used in finding the conceptual classes.	<CO2>
<K2>	4. Explain the relationships that are possible between use cases, in use case modelling.	<CO1>
<K3>	5. Make use of the following situation and draw a UML use case diagram: <i>A person goes for lunch. On his way, the person might withdraw cash from an ATM.</i>	<CO1>
<K2>	6. Compare business object model and domain model.	<CO2>

Part – B (3×6 = 18 Marks)

<K2>	7. Explain the steps involved in the Inception process and discuss their artifacts.	<CO1>
<K2>	8. Show a Unified Process Sample Artifact for Monopoly Game and explain the same	<CO1>
<K3>	<p>9. Identify which use cases does actor S communicate irrespective of other actors involvement in the use case. Justify your answer.</p> 	<CO1>

Part – C (2×10 = 20 Marks)

<K3>	10. Identify the classes and their associations for Airline Reservation System using appropriate concepts and draw the domain model diagram.	<CO2>
(OR)		
<K3>	11. Identify the classes and their associations for Library Management System using appropriate concepts and draw the domain model diagram.	<CO2>
<K3>	12. Identify the use cases and draw the use case diagram for the following scenario. For the e-police station system, display the status of the passport with respect to the following constraints. a) Victim should file a complaint and the inspector should process it and maintain the status file. b) Passport eligibility done by age constraint and criminal history.	<CO1>
(OR)		
<K3>	13. Identify the use cases and draw the use case diagram for the following scenario. Consider the Hospital Management System application with the following requirements. a) System should handle in-patient and out-patient details through a receptionist. b) Doctors are allowed to view the patients' history and give prescriptions.	<CO1>
