Name: Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, Dec 2020

Course: IT Application Discovery and Dependency Management **Semester: III**
Program: B.TECH CS with Infrastructure Management **Time: 03 hrs.**
Course Code: CSIT 2006 **Max. Marks: 100**

SECTION A

Instruction: complete the statement or select the correct answer(s)

S. No.		Marks	CO
Q 1	i. CIM and WBEM has been defined by? a. DMTF b. SMI standards Organization c. Open Standards Body d. None ii. Encoding mechanism of CIM Data as XML Elements? a. CIM-XML b. xmlCIM c. SGML d. None	5	CO1
Q 2	i. Federation service provides interface to add, delete and modify definitions data resources [True/False] ii. Data is stored about items held in the DSL and the DHS. Where is this information stored? a. SLR b. CMDB c. CDB D.FSC	5	CO3
Q 3	i. Configuration item requires to manage------- a. Capacity management b. change management c. incident management d. All ii. which is not a Federated CMDB service a. Subscription b. Administration c. query d. None	5	CO3
Q 4	i. Advantage of Agent-less CI discovery a. Reduced maintenance cost b. Better performance c. None d. Both ii. Manual modelling encompasses as Non discoverable CI's [True/False]	5	CO2
Q 5	i. which of the following describes physical topology view a.Dynamic mapping b. Decision making c. Address changed d. Managing upgrades ii. Reduce business risk belongs to which CI's? a. Reconciliation b. Policies and guidelines c. unique Identification d. Dependencies	5	CO2
Q 6	i. Visual display is helpful for reporting purpose [True/False] ii. _____ of an enterprise IT ecosystem can optimize and consolidate IT devices so as to improve the energy efficiency of devices and curtail energy costs Visual basic b. Visual display c. Hardware d. Operating system	5	CO4
SECTION B			
Instruction : Write short/brief notes			
Q 7	Demonstrate the Actual and Authorized configuration items(CI) and types of attributes with example	10	CO3
Q 8	Illuminate the Configuration Item discovery techniques as primary customer and customer and configuration matches	10	CO2

	Or		
	Explain the Configuration Item discovery types and advantages		
Q 9	Describe the procedure to install different agents on Networked devices in agent-based auto discovery	**10**	**CO2**
Q 10	Analyze the changes to find the root cause of the IT service failure and state the various types of root-cause analysis	**10**	**CO4**
Q 11	Explain the CIM meta Schema, Describe the CIM meta schema properties and qualifiers	**10**	**CO1**
SECTION-C			
Instruction: Write long answer.			
Q 12	Illustrate the physical topology views with respect to Dynamic Data Center Topology, Topology of a Hierarchical Implementation of CMDB in TADDM and importance of Physical Topology View Or Apply the different probes used in agent-less auto-discovery for Unix/Linux server ,windows computer or servers ,webserver ,storage, printers and Network environment	**20**	**CO2**