

Name:

Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, December 2019

Course: IT Application Discovery and Dependency Management

Program: B. Tech CS with IT Infrastructure

Course Code: CSIB432

Semester: VII

Time 03 hrs.

Max. Marks: 100

Instructions: Answer ALL the Questions

SECTION A

S. No.		Marks	CO
Q 1	Define common model and Design the structure of CIM schema-Application model	4	CO1
Q 2	Compare and contrast the Asset management configuration management	4	CO1
Q 3	State the different techniques to discover the configuration items	4	CO2
Q 4	List the discovery software can integrate capabilities and finding	4	CO5
Q 5	State Pros and cons of agent-less auto discovery	4	CO3

SECTION B

Q 6	Explain the CIM meta Schema, Describe the CIM meta schema properties and qualifiers	10	CO1
Q 7	Describe the Federated CMDB and its services with neat diagram Or Briefly, explain the various ITIL processes involved in configuration management database	10	CO1
Q 8	Describe the procedure to install different agents on Networked devices in agent-based auto discovery	10	CO4
Q 9	Analyze the changes to find the root cause of the IT service failure and state the various types of root-cause analysis	10	CO5

SECTION-C

Q 10	State and Apply the Automatic discovery controls for configuration items in discovery software 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, CO3
Q 11	IT infrastructure has relied on conventional techniques such as endless spreadsheets and extensive audits but the proliferation of virtualized data centers, cloud, and micro	20	CO1, CO2, CO3,

	<p>services, has made it increasingly difficult to track dependencies using these archaic methods. Now, application maps are usually the first step to visualizing complex IT environments.</p> <p>With Manage-Engine Applications Manager's new Application Discovery and Dependency Mapping (ADDM) feature, you can get a complete view of your complex IT infrastructure, easily drill down to IT relationships, and map them effortlessly!</p> <ul style="list-style-type: none">i. Identify the tool and explain the procedure to discover the resources faster in IT environmentii. Explain the role of CMDB integration in above scenarioiii. Design a business service dependency map and Explain the business view status of applications and troubleshoot quickly		CO4
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