


<b>Name:</b>  <b>Enrolment No:</b>	 <b>UPES</b> <small>UNIVERSITY WITH A PURPOSE</small>	
<b>UNIVERSITY OF PETROLEUM AND ENERGY STUDIES</b> <b>Online End Semester Examination, December 2020</b> <b>Course: Mainframe Transaction Management, CICS</b> <span style="float: right;"><b>Semester: VII</b></span> <b>Programme: B.Tech (CSE-Mainframe Technology)</b> <span style="float: right;"><b>Time: 03 hrs.</b></span> <b>Course Code: CSMT 4001</b> <span style="float: right;"><b>Max. Marks: 100</b></span>		
<b>SECTION A</b> <b>1. Each Question will carry 5 Marks.</b> <b>2. Instruction: Complete the statement / Select the correct answer(s).</b>		
S. No.		<b>CO</b>
Q 1	Which of the following transaction is used to connect and disconnect CICS from DBCTL? a) CECI b) CDBC c) CDBI d) CEBR	<b>CO1</b>
Q 2	Which of the following is not a valid perspective in CICS explorer? a) Durability manager b) Configuration manager c) Interdependency analyzer d) Sysplex manager	<b>CO1</b>
Q 3	Which of the following BMS macro is used to define a new field on the map. a) DFHMDI b) DFHMDF c) DFHMSD d) DHFMDI	<b>CO2</b>
Q 4	Which of the following is true about the physical map? a) These maps reside in a copy library. b) These maps are copied into the application programs. c) Physical maps do not require a CICS table entry. d) Protected fields cannot be defined in these maps.	<b>CO3</b>
Q 5	Which of the following EXEC CICS command can be specified as a capture point in the event processing architecture? a) DELETE FILE b) READQ TS c) LINK PROGRAM d) All of the above	<b>CO4</b>
Q 6	Which of the following is an invalid operation among the components of web service architecture? a) Bind b) Publish c) Find d) None of the mentioned	<b>CO5</b>

**SECTION B**

**1. Each question will carry 10 marks**

**2. Instruction: Write short/brief notes**

Q 7	Elaborate the methods to define resources in CICS.	<b>CO1</b>
Q 8	Create a map program to accept user-id and password. Write the commands to define, install, and display the map in the CICS environment.	<b>CO2</b>
Q 9	Elaborate the components of event processing architecture. Also, define the term “event specification” and “capture specification”.	<b>CO4</b>
Q 10	State the significance of SOAP messages. Illustrate the structure of a SOAP message.	<b>CO5</b>
Q 11	Discuss the advantages of “WebSphere Developer for zSeries”. Explain the artifacts generated by the Web Services Enablement wizard.	<b>CO5</b>

**SECTION-C**

**1. Each Question carries 20 Marks.**

**2. Instruction: Write long answer.**

Q 12	<p>Illustrate the role of transient data queues in the CICS environment with its types. Justify the need of temporary storage queues in CICS. Write the instructions/steps to create, view, and purge a temporary storage queue.</p> <p style="text-align: center;">OR</p> <p>Develop a COBOL program to display a message “THIS IS MTM” in the CICS environment. Write a JCL program to compile this code. Also, write the commands to define and install the COBOL program and associate it with a transaction in the CICS environment.</p>	<b>CO3</b>
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