

Name:	
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
Online End Semester Examination, May 2021

Course: Business Process Management-2
Programme: B.Tech CS-CCVT
Course Code: CSBA 4012P

Semester: 8th
Time: 03 hrs.
Max. Marks: 100

SECTION A

- 1. Each Question will carry 5 marks**
- 2. Instruction: Complete the statement / Select the correct answer(s)**

S. No.	Question	Marks	CO
Q1	<p>A BPM application developer needs to start a Business Process Definition (BPD) when a document is updated in a supported Enterprise Content Management (ECM) system. Which steps should the BPM application developer follow to achieve this requirement?</p> <ol style="list-style-type: none"> a) Create a new server configuration for ECM server connection settings Create an event subscription specifying Event Class, Object Type and Event Type Add an attached service and a Content undercover agent Use a content event (start or intermediate) event into a Business Process Definition (BPD) b) Create a new server configuration for ECM server connection settings Create an event subscription specifying Event Class, Document Type and Event Type Add an attached service and a Content undercover agent Use a message event (start or intermediate) event into a Business Process Definition (BPD) c) Create an event subscription specifying ECM server connection settings, Event Class, Object Type and Event Type Add an attached service and a Content undercover agent Use a content event (start or intermediate) event into a Business Process Definition (BPD) d) Create an event subscription specifying ECM server connection settings, Event Class, Object Type and Event Type Add an attached service and a Content undercover agent Attach a message event to any task into a Business Process Definition (BPD) that you want to be started by the content event 	5	CO1
Q2	<p>A BPM application developer is creating an Integration Service that must call an external web service. The web service is maintained by another organization and the BPM application developer has no control over any aspect of the service. A Web Service Integration component dropped onto the Integration Service's canvas is correctly configured but it fails to access the web service correctly. The BPM application developer has verified, using another tool, that the web service is working but the implementation is not compatible with IBM Business Process Manager. What course of action is available to the BPM application developer for this situation?</p>	5	CO2

	<ul style="list-style-type: none"> a) Switch the Web Service Integration to use SOAP over JMS. b) Switch the Web Service Integration to a Remote Procedure Call (RPC) binding. c) Use the Call Web Service via SOAP integration service instead of the Web Service Integration component. d) Specify HTTP and SOAP headers for the Web Service Integration component that are compatible with the remote service. 		
Q3	<p>An integration developer is planning to create a business process for a customer that will support their travel reimbursement procedures. There is a requirement for the business process to allow human resource managers to review submitted request for reimbursement of travel expenses for mobile employees. In order to avoid reimbursement delays due to conflicts with vacation schedules, the human resource manager must be allowed to forward the request to a backup manager to complete independently. The integration developer has decided to use BPEL for the process implementation along with a human task for the travel expenses reviews. What approach should the integration developer take while implementing the human task? The integration developer should create a human task that supports:</p> <ul style="list-style-type: none"> a) follow-on tasks, and be aware that if the original task expires, the last task in the chain will not expire. Two tasks are not allowed to be executed by the same participant. b) follow-on tasks, and remember that if the employee terminates the original request, the follow-on task will be terminated. c) subtasks, and be aware that the subtasks can be suspended and resumed by the original manager if the vacation is canceled. d) subtasks, and be aware that the subtasks can be allowed to expire if the backup manager does not close the request before the original manager returns. 	5	CO3
Q4	<p>What is the goal of a process simulation?</p> <ul style="list-style-type: none"> a) Anticipate process behavior b) Variation of parameters c) Calculation of process variables d) Production of a graphical process model 	5	CO3
Q5	<p>How does Activity Based Costing improve business processes?</p> <ul style="list-style-type: none"> a) With reduction of the overhead and allocated costs (indirect costs) b) With minimization of cycle times c) With static methods d) With the analysis of cost drivers and the minimization of activities that do not create value 	5	CO2
Q6	<p>An integration developer needs to check which Common Event Infrastructure (CEI) events have been generated for a business process and review the information contained inside each event. Where will the integration developer find this information?</p> <ul style="list-style-type: none"> a) In the monitoring widgets in Business Space. 	5	CO1

	b) In the Common Base Event browser application. c) In the Event Service section of administrative console. d) In the Events Generated section of Business Process Choreographer Explorer.		
SECTION B			
1. Each Question will carry 10 marks 2. Instruction: Write short / brief notes			
Q7	What do you understand by task management and how we are enabling the same in business process management?	10	CO1
Q8	How interactions for business users among complex business process applications can be designed? Explain.	10	CO1
Q9	Define the message structure in creating user interfaces.	10	CO2
Q10	Differentiate between Coaches and Heritage Coaches. How the coaches can be integrated with the other systems.	10	CO2
Q11	How Websphere operational decision management will impact the decision making process of business processes? Explain. <p style="text-align: center;">OR</p> How dashboards and reports can be used to display key performance indicators and metrics using IBM Business monitor? Explain.	10	CO3
SECTION-C			
1. Each Question will carry 20 marks 2. Instruction: Write long answer			
Q12	What are the different roles associated with the Warranty Reporting Solution? Explain. <p style="text-align: center;">OR</p> Explain different IBM products used for Warranty Reporting Solution with suitable architecture.	20	CO3