**POORNIMA UNIVERSITY, JAIPUR**

**END SEMESTER EXAMINATION, November 2022**

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|  | **3BC5116** | Roll No. | Total Printed Pages: 2 |
| **3BC5116** |  |
| BCA III Year V-Semester (Main/Back) End Semester Examination, November 2022  **(AI&PA)** | |
| **BAP05101 : Business Process Management** | | | |

# Time: **3** Hours. Total Marks: **60**

Min. Passing Marks: **21**

Attempt **five** questions selecting one question from each Unit. There is internal choice from Unit I to Unit V. Marks of each question or its parts are indicated against each question / parts. Draw neat sketches wherever necessary to illustrate the answer. Assume missing data suitably (if any) and clearly indicate the same in the answer.

Use of following supporting material is permitted during examination for this subject.

# **1. --------------------------Nil--------------------** **2. ------------------Nil-----------------------**

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|  |  | **UNIT-I (CO1)** | **Marks** | **Bloom Level** |
| **Q.1** | **(a)** | Explain the steps to be followed in BPM Life cycle with suitable example. | **(6)** | Analyze and create |
|  |  |  |  |  |
|  | **(b)** | As a developer let you need to generate the activity model and process model of your Business Process. Explain the difference between the two with the help of a suitable example for each. | **(6)** | Analyze and Evaluate |
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|  |  | **OR** |  |  |
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| **Q.2** | **(a)** | Differentiate between integration centric and human centric BPM with the help of a suitable example of each. | **(6)** | Remembering and applying |
|  |  |  |  |  |
|  | **(b)** | Suppose you are running a business. What are the different business processes mandatory for its efficient execution? Explain by taking a suitable example. | **(6)** | Remembering and applying |
|  |  |  |  |  |
|  |  | **UNIT-II (CO2)** |  |  |
|  |  |  |  |  |
| **Q.3** | **(a)** | How Petri Nets are used for developing a state transition systems. Draw the Petri Net of any business and explain. | **(6)** | Understanding and remembering |
|  |  |  |  |  |
|  | **(b)** | Event driven process chain is a widely acceptable technique to denote any business process. Take a suitable example and design the EDPC of the same. | **(6)** | Analyzing and evaluating |
|  |  |  |  |  |
|  |  | **OR** |  |  |
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| **Q.4** | **(a)** | What is the role of workflow Nets in any business. Take a suitable example and explain. | **(6)** | Analyze and apply |
|  |  |  |  |  |
|  | **(b)** | Differentiate between Black and White Petri Nets with the help of a suitable example. | **(6)** | Understanding and creating |
|  |  |  |  |  |
|  |  | **UNIT-III (CO3)** |  |  |
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| **Q.5** | **(a)** | How does a flexible workflow management will help to create a novel approach for developing an efficient BPM? Justify you answer with the help of a suitable example. | **(6)** | Understanding and creating |
|  |  |  |  |  |
|  | **(b)** | What standards are utilized for making a web service? Describe any two out of them along with a suitable example. | **(6)** | Understanding and evaluating |
|  |  |  |  |  |
|  |  | **OR** |  |  |
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| **Q.6** | **(a)** | Define web services? List out and explain any two basic components which are used to design a web service with the help of a suitable example. | **(6)** | Understanding and evaluating |
|  |  |  |  |  |
|  | **(b)** | What do you mean by data dependency? How it could affect the development of a web service. Explain by taking a suitable example | **(6)** | Analyze and apply |
|  |  |  |  |  |
|  |  | **UNIT-IV (CO4)** |  |  |
|  |  |  |  |  |
| **Q.7** | **(a)** | Let you are following a grand strategy for your business. What are the different features you will include in this case into your business? List and explain any four of them | **(6)** | Remembering and understanding |
|  |  |  |  |  |
|  | **(b)** | Why your business needs a proper organizational strategy. Justify with the help of a suitable example | **(6)** | Understanding and applying |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.8** | **(a)** | Suppose a user has to develop a Generic methodology for BPM? What are the different things he needs to consider for this purpose? Explain with the help of a suitable diagram. | **(6)** | Remembering and understanding |
|  |  |  |  |  |
|  | **(b)** | Let a business process Analyst wants to take the initiative to produce the task of business Analysis smoothly and effectively. List out the different steps he needs to follow for the same. | **(6)** | Understand and apply |
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|  |  | **UNIT V (CO5)** |  |  |
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| **Q.9** | **(a)** | What is Business Process Reengineering? How it can help to achieve the dramatic improvements in productivity cycle times and quality. Explain by taking a suitable example. | **(6)** | Analyzing and evaluating |
|  |  |  |  |  |
|  | **(b)** | Differentiate between BPR and BPI with the help of a suitable example for each. | **(6)** | Analyze and apply |
|  |  |  |  |  |
|  |  | **OR** |  |  |
|  |  |  |  |  |
| **Q.10** | **(a)** | In BPM the organisations are involved in so many activities. List out and explain any 5 such activities with example. | **(6)** | Analyze and apply |
|  |  |  |  |  |
|  | **(b)** | How BPR could be utilised to reduce cost and cycle times of any company. Explain by taking a suitable example. | **(6)** | Analyzing and applying |