**POORNIMA UNIVERSITY, JAIPUR.**

**END SEMESTER EXAMINATION, April 2023**

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|  | **3BT6119** | Roll No. | Total Printed Pages: 1 |
| **3BT6119** |  |
| B. Tech III Year VI Semester (Main/Back) End Semester Examination, May 2023  **(CE)** | |
| **BCE06103 : Server-side Scripting Languages** | | | |

# Max. Time: **3** Hours. Max. 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.----------------------------------------------** **2.-----------------------------------------**

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|  |  | **UNIT-I (CO1)** | **Marks** | **Bloom Level** |
| **Q.1** | **(a)** | What you understand by term ‘Web Service’? How this is useful to build web application. Justify answer with proper example. | **(6)** | **Remembering** |
|  |  |  |  |  |
|  | **(b)** | Differentiate vlog and blog with suitable example. | **(6)** | **Remembering** |
|  |  | **OR** |  |  |
| **Q.2** |  | Write Short notes on following:  1. open-source v/s propriety software 2. Content Management System | **(6x2)** | **Understanding** |
|  |  | **UNIT-II (CO2)** |  |  |
| **Q.3** | **(a)** | Articulate a documentation by mentioning different types of datatypes available in python. Suggest example of each one | **(8)** | **Analysing** |
|  |  |  |  |  |
|  | **(b)** | Develop a python script showing how to merge content of two different array to form key-value pair, | **(4)** | **Applying** |
|  |  | **OR** |  |  |
| **Q.4** |  | Describe the short notes on following:  1. Inline methods in python 2. High order method in python | **(6+6)** | **Analysing** |
|  |  |  |  |  |
|  |  | **UNIT-III (CO3)** |  |  |
| **Q.5** |  | Elaborate the use of regular expression in program. Show the use care of following types of regular expression through proper python program.  1. Quantification 2. Anchor | **(6x2)** | **Applying** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
| **Q.6** |  | Let’s suppose you are designing a database application and want to connect it with python for your front-end application. Mention the python script by assuming MySQL as backend. Take your own schema. | **(12)** | **Applying** |
|  |  | **UNIT-IV (CO4)** |  |  |
| **Q.7** |  | Rails support DRY concept, analyse the features of Rails with a comparison of any other web programming. | **(12)** | **Applying** |
|  |  | **OR** |  |  |
| **Q.8** |  | Write shorts notes on following:  1. Directory Structure 2. MVC in rails | **(12)** | **Understanding** |
|  |  |  |  |  |
|  |  | **UNIT V (CO5)** |  |  |
| **Q.9** |  | Create a Rails application name ‘Cricket Player” and show the use of migration and view with proper code. | **(12)** | **Applying** |
|  |  |  |  |  |
|  |  | **OR** |  |  |
| **Q.10** |  | Write short notes on following  1. Scaffolding 2. routing in rails | **(12)** | **Evaluating** |