Abdul Wali Khan University Mardan

Faculty of\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Department\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Final Examination**

**Session 2018-19**

**Semester:\_\_\_\_**

|  |  |  |
| --- | --- | --- |
| Student Name | : |   |
| Student ID | : |  |
| Student Signature | : |  |
| **Course Code** | : | COCS 4037 |  | Total Marks |
| **Course Name** | : | Integrative Programming & Technologies |  |  |  |  |
| **Date of Exam** | : | Monday, 08 July, 2019 |  |  |  |  |
| **Time** | : | 09:00 – 12:00 |  | **50** |
| **Number of Exam Pages** | : | 03 |  |
| **Note 1**: The Exam paper contains the flowing as per the 16 weeks contents of the approved syllabus: 1. 15% from the first quarter of the course contents
2. 15% from the second quarter of the course contents
3. 35% from the third quarter of the course contents
4. 35% from the fourth quarter of the course contents

**Note 2**: The paper is developed as per the assigned students learning outcomes (SLOs) of this course. | **Marks as per Student Learning Outcomes (SLOs)** |
| **Signature and name of the paper Setter:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | SLO- A | /10 Marks |
| **Signature and name of the Program Coordinator:****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | SOL- C | /20 Marks |
|  | SLO- L | /20 Marks |
|  | **Total Marks****(In Figure)** | /50 Marks |
|  | **Total Marks****(In Words)** |  |
| **Examiner Name and Signature:**  |
|  |

Note: Attempt all questions

 SLO- A

(The following questions are based on the student learning outcomes A)

Question#1:

SLO- C

 (The following questions are based on the student learning outcomes C)

Question#2:

Question#3:

SLO- L

 (The following questions are based on the student learning outcomes L)

Question#4:

Question#5: