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: