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| **RIPHAH INTERNATIONAL UNIVERSITY, LAHORE CAMPUS** | | | | |
|  | **Course:** | **Object Oriented Programming 2C** | **Exam:** | **Quiz 5** |
| **Duration:** | **40 mins** | **Semester:** | **Spring 2024** |
| **Date:** | **16- May - 2024** | **Marks:** | **10** |
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| **Name:**  **Instruction/Notes:** | **Sap Id. Instructor: Ayesha Majid**  **READ ALL THE INSTRUCTIONS CAREFULLY.**   1. Attempt all the questions. It is advisable to go through the paper once before starting with the first question. 2. No leniency on Cheating | | | |

**QUESTION FROM LAYOUTS**

**Question:** What is the difference between Grid Bag Layout and Grid Layout. (2 marks)

**QUESTION FROM LAB 6**

**(Lab 6 will be evaluated based on your performance in the following Question)**

**Question:** Declare an array named contactName and set its size to 10. Add contact names to that array by taking input from the user. (2 marks)

**QUESTION FROM LAB 8**

**(Lab 8 will be evaluated based on your performance in the following Question)**

**Long Questions: (3 marks)**

Create a simple calculator with following set of operations using java Swing GUI.

1. Addition
2. Multiplication

**QUESTION FROM LAB 9**

**(Lab 9 will be evaluated based on your performance in the following Question)**

**Short Question: (2 marks)** Create a Combo Box for selecting the month of the year. Make sure to write down full GUI swing code. How you will add that combo box to frame and so on.