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|  | **BAHRIA UNIVERSITY,**  **(Karachi Campus)**  **ASSIGNMENT#02 – Fall 2021** |

COURSE TITLE: **Probability and Statistics** COURSE CODE: **GSC-122**

Class: **BSE – 3(B)** Shift: **Morning**

Course Instructor: **Engr. M. Adnan Ur Rehman** Date:**13-Jan-2022**

Due Date: **16-Jan-2022** Max. Points: **20 Points**

**Instructions:**

* Submission is permitted only on ***LMS***. Take snapshot of all the pages of your solution by using scanner software like MS Office Lens, or Adobe PDF scanner.
* BE AWARE OF PLAGIARISM!!! , It may become the main reason for marks deductions.

**Question-1: [CLO-2]**

Four married couples have bought 8 seats in the same row for a concert. In how many different ways they can be seated if no women can sit with other’s men and no man can sit with other’s women?

Solution:

A piece of paper with writing on it

Description automatically generated