007A

**College of Administrative and Financial Sciences**

**Assignment 3**

**Deadline: 04/17/2021 @ 23:59**

**Academic Year: 2020-21**

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| --- | --- |
| Course Name: **Introduction to Operations Management** | Student’s Name: |
| Course Code: **MGT311** | Student’s ID Number: |
| Semester: **II** | CRN: |

**For Instructor’s Use only**

|  |
| --- |
| Instructor’s Name: |
| Students’ Grade: Marks Obtained/Out of | Level of Marks: High/Middle/Low |

**Instructions – PLEASE READ THEM CAREFULLY**

* The Assignment must be submitted on Blackboard (**WORD format only**) via allocated folder.
* Assignments submitted through email will not be accepted.
* Students are advised to make their work clear and well presented, marks may be reduced for poor presentation. This includes filling your information on the cover page.
* Students must mention question number clearly in their answer.
* Late submission will NOT be accepted.
* Avoid plagiarism, the work should be in your own words, copying from students or other resources without proper referencing will result in ZERO marks. No exceptions.
* All answered must be typed using **Times New Roman (size 12, double-spaced)** font. No pictures containing text will be accepted and will be considered plagiarism).
* Submissions without this cover page will NOT be accepted.

**Learning Outcome:**

Demonstrate process-flow analysis, process design solutions, operations strategies, Inventory Control System and customer services in the business operation.

**Assignment Question(s):** **(Marks 5)**

A public accounting firm requires the following activities for an audit:

|  |  |  |
| --- | --- | --- |
| Activity | Immediate Predecessor | Activity time |
| A | - | 3 |
| B | A | 2 |
| C | - | 5 |
| D | B, C | 2 |
| E | A | 4 |
| F | B, C | 6 |
| G | E, D | 5 |

1. Draw a network for this project? (**Marks 2.0**)
2. Make a forward pass and a backward pass to determine ES, LS, EF, and LF? (**Marks 2.0**)
3. What are the critical path? (**Marks 1.0**)