

**ALLAMA IQBAL OPEN UNIVERSITY, ISLAMABAD**  
(Department of Business Administration)

**WARNING**

1. **PLAGIARISM OR HIRING OF GHOST WRITER(S) FOR SOLVING THE ASSIGNMENT(S) WILL DEBAR THE STUDENT FROM AWARD OF DEGREE/CERTIFICATE, IF FOUND AT ANY STAGE.**
2. **SUBMITTING ASSIGNMENT(S) BORROWED OR STOLEN FROM OTHER(S) AS ONE'S OWN WILL BE PENALIZED AS DEFINED IN "AIU PLAGIARISM POLICY".**

Course: Operations Management (5568)

Semester: Spring, 2024

Level: COL MBA/MPA

Credit Hours: 03

**Please read the following instructions for writing your assignments.**

**(AD, BS, BEd, MA/MSc, MEd) (ODL Mode)**

1. All questions are compulsory and carry equal marks but within a question, the marks are distributed according to its requirements.
2. Read the question carefully and then answer it according to the requirements of the question.
3. Avoid irrelevant discussion/information and reproducing from books, study guide or allied material.
4. Hand written scanned assignments are not acceptable.
5. Upload you typed (in Word or PDF format) assignments on or before the due date.
6. Your own analysis and synthesis will be appreciated.
7. Late assignments can't be uploaded at LMS.
8. The students who attempt their assignments in Urdu/Arabic may upload a scanned copy of their hand written assignments (in PDF format) on University LMS. The size of the file should not exceed 5 MB.

**Total Marks:100**

**Pass Marks: 40**

**ASSIGNMENT No. 1**

- Q. 1 Define Operation Management, its scope and significance. Also highlight the ethical and environmental concerns of operation management being considered as dynamic field with various repercussions. (20)
- Q. 2 Explain the concept of Total Quality Management. Highlight the contributions of quality gurus in this domain. (20)
- Q. 3 Define and discuss the following concepts in detail:
  - (a) Production System Design (10)
  - (b) Production System & Information Technology (10)
- Q. 4 Human factors are considered very important in work analysis. Discuss with examples. (20)
- Q. 5 Explain the concept of operation strategy. How operations strategy is helpful for business manager in decision making? Discuss with examples. (20)

### **GUIDELINES FOR ASSIGNMENT # 1**

The student should look upon the assignments as a test of knowledge, management skills, and communication skills. When you write an assignment answer, you are indicating your knowledge to the teacher:

- Your level of understanding of the subject;
- How clearly you think;
- How well you can reflect on your knowledge & experience;
- How well you can use your knowledge in solving problems, explaining situations, and describing organizations and management;
- How professional you are, and how much care and attention you give to what you do.

To answer a question effectively, address the question directly, bring important related issues into the discussion, refer to sources, and indicate how principles from the course materials apply. The student must also be able to identify important problems and implications arising from the answer.

For citing references, writing bibliographies, and formatting the assignment, APA format should be followed.

**Total Marks: 100**

**Total Marks: 40**

### **ASSIGNMENT No. 2**

This assignment is a research-oriented activity. You are required to obtain information from a business/commercial organization and prepare a report of about 1000 words on the issue allotted to you to be submitted to your teacher for evaluation.

You are required to select one of the following issues according to the last digit of your roll number. For example, if your roll number is P-3427180 then you will select issue # 0 (the last digit): -

#### **ISSUES:**

- 0 Quality Control Methods
- 1 Capacity Planning Environment
- 2 ABC Inventory Model
- 3 Probabilistic Time Estimate (PERT)
- 4 Problems of Production Management
- 5 Learning Curve Analysis
- 6 Simulation
- 7 Forecasting
- 8 Basic Approaches to Maintenance
9. Total Quality Manager

### **GUIDELINES FOR ASSIGNMENT # 2:**

- 1.5 line spacing
- Use headers and subheads throughout all sections
- Organization of ideas
- Writing skills (spelling, grammar, punctuation)
- Professionalism (readability and general appearance)
- Do more than repeat the text
- Express a point of view and defend it.

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