



Private & Confidential

FACULTY OF BUSINESS

FINAL EXAMINATION

Student ID (in Figures) :

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Student ID (in Words) : _____

Course Code & Name : **MGT3124 OPERATIONS MANAGEMENT**
Semester & Year : September – December 2022
Lecturer/Examiner : Associate Professor Dr. Akram Al-Khaled
Duration : 3 Hours

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of 2 parts:
PART A (30 marks) : Answer all THIRTY (30) multiple-choice questions. Answers are to be written in the Multiple Choice Answer Sheet provided.
PART B (70 marks) : Answer all FOUR (4) problem solving questions. Answers are to be written in the Answer Booklet provided.
2. Candidates are not allowed to bring any unauthorised materials except writing equipment into the Examination Hall. Electronic dictionaries are strictly prohibited.
3. This question paper must be submitted along with all used and/or unused rough papers and/or graph paper (if any). Candidates are NOT allowed to take any examination materials out of the examination hall.
4. Only ballpoint pens are allowed to be used in answering the questions, with the exception of multiple choice questions, where 2B pencils are to be used.

WARNING: The University Examination Board (UEB) of BERJAYA University College regards cheating as a most serious offence and will not hesitate to mete out the appropriate punitive actions according to the severity of the offence committed, and in accordance with the clauses stipulated in the Students’ Handbook, up to and including expulsion from BERJAYA University College.

Total Number of pages = 8 (Including the cover page)

PART B : PROBLEM SOLVING QUESTIONS (70 MARKS)

INSTRUCTION(S) : Answer all **FOUR (4)** questions. Write your answers in the Answer Booklet(s) provided.

Question 1

To empower employees and implement Total Quality Management (TQM) as a continuing effort, everyone in the organization must be well-trained in the techniques of TQM.

Interpret **FIVE (5)** fundamental tools used in Total Quality Management.

(15 marks)

Question 2

Explain **FIVE (5)** types of layout strategies that are commonly implemented by operator in retail industry. Provide relevant examples to fortify your answer.

(20 marks)

Question 3

The industrialized world is no longer characterized by scarcity. Consumer's affluence and desire for a wide choice of products and service continue to grow. Given the rapid growth of information technology and the accessibility of the Internet, consumer's desires have shifted from passive acceptance to active involvement in the design and delivery of specific products and services.

Describe **FIVE (5)** current challenges in operations management (OM) that managers require to comprehend.

(15 marks)

Question 4

The product life cycle (PLC) is an attempt to recognize distinct stages in sales history of the product. PLC helps to study the degree of product acceptance by the market over time which includes major rise or fall in sales. Presuming that you are a Director of Operations Management at The Pepsi Company, using a relevant diagram, elaborate on **FOUR (4)** stages of the product life cycle which will take place for its products.

(20 marks)

END OF EXAM PAPER