



UNIVERSITY COLLEGE TATI (UC TATI)

FINAL EXAMINATION ANSWER BOOKLET

COURSE CODE	: DTG 2073
COURSE	: PROJECT MANAGEMENT
SEMESTER/SESSION	: 2-2023/2024
DURATION	: 3 HOURS

Instructions:

1. This booklet contains 5 questions. Answer ALL questions.
2. All answers should be written in the answer booklet.
3. Write legibly and draw sketches wherever required.
4. If in doubt, raise your hand and ask the invigilator.

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

BOOKLET CONTAINS 4 PRINTED PAGES INCLUDING COVER PAGE

PROJECT MANAGEMENT (DTG 2073)

QUESTION 1

- a) Define project. (4 marks)
- b) State **THREE (3)** differences between process and project. (6 marks)
- c) Explain **FIVE (5)** reasons why project management has become such a popular business tool in recent years. (10 marks)

QUESTION 2

- a) Communication is an important aspect of a project leader's job. Identify **FOUR (4)** purpose of project team meeting. (8 marks)
- b) Conflict always happens while handling a project. Discuss **THREE (3)** ways to minimize conflicts (6 marks)
- c) Describe **TWO (2)** importance of emotional intelligence (4 marks)

QUESTION 3

Activity	Duration (Days)	Dependency	Float
Start	0	-	
A	8	Start	
B	5	A	
C	6	B, H	
D	8	C	
E	9	D, F	
F	3	C, I	
G	7	Start	
H	8	G	
I	9	H	
J	5	I	
K	2	J	
L	3	J	
Finish	0		

PROJECT MANAGEMENT (DTG 2073)

- a) Based on the table above, prepare:
- i) Network diagram (10 marks)
 - ii) Critical path(s) (2 marks)
 - iii) Float for each activity (6 marks)
- b) Explain **THREE (3)** benefits of network diagrams. (6 marks)

QUESTION 4

Project durations: 4 months

Project budget: RM 4,000

Elapsed time: 2 months

% completed planned: 50%

a) Prepare:

- i. Planned Value (PV) (2 marks)
- ii. Actual cost (AC) (4 marks)

Given data:

After 2 months, the total expenses:

Item	Month 1	Month 2
Petrol	300	260
Travel	400	180
Equipment	100	260

- iii. Earned Value (EV) (2 marks)
 - iv. Schedule Variance (SV) (2 marks)
 - v. Cost variance (CV) (2 marks)
 - vi. Schedule Performance Index (SPI) (2 marks)
 - vii. Cost Performance Index (CPI) (2 marks)
- b) State **TWO (2)** performances of this project. (2 marks)

PROJECT MANAGEMENT (DTG 2073)

QUESTION 5

- a) Discuss **FOUR (4)** strategies to promote a healthy improvement culture in the project team. (8 marks)
- b) List **FOUR (4)** potential barriers to project improvement efforts. (4 marks)
- c) Describe **FOUR (4)** ways how knowledge is created and shared within a project team. (8 marks)

-----End of question-----

Formula:

PV = % complete (planned) x BAC

SPI = EV/PV

EV = % complete (actual) x BAC

CPI = EV/AC

SV = EV – PV

CV = EV – AC