



**NATIONAL OPEN UNIVERSITY OF NIGERIA,
UNIVERSITY VILLAGE, PLOT 91 CADASTRAL ZONE NNAMDI AZIKIWE
EXPRESSWAY JABI, ABUJA NIGERIA
FACULTY OF MANAGEMENT SCIENCES
DEPARTMENT OF PUBLIC ADMINISTRATION
2024 1 EXAMINATION**

COURSE CODE: PAD 756

COURSE TITLE: PROJECT ANALYSIS AND IMPLEMENTATION

CREDIT UNITS: 3

TIME ALLOWED: 3Hrs

INSTRUCTIONS:

- 1. Attempt three (3) questions in All, Question one (1) and any other two (2)**
- 2. Question number 1 is compulsory and carries 30 marks, while the other questions carry 20 marks each**
- 3. Present all your points in coherent and orderly manner**

Q1a. What is Project Cycle? (5 Marks)

Q1b. With an aid of a diagram, explain the various stages of a project cycle (15 Marks)

Q1c. Differentiate between Project and Programme (10 Marks)

Q2. With concrete example, Analyze the Project Cost Analysis (20 Marks)

Q3a. Discuss the Projected Income Statement (10 Marks)

Q3b. Explain the revenue Structure of the Projected Income Statement (10 Marks)

Q4. With a concrete example, discuss the Projected Cash Flow Statement (20 marks)

- (i) $u = 0$ when $x = 0$, $0 \leq y \leq 1$,
- (ii) $u = 0$ when $x = 1$, $0 \leq y \leq 1$,
- (iii) $u = 0$ when $y = 0$, $0 \leq x \leq 1$,
- (iv) $u = 4$ when $y = 1$, $0 \leq x \leq 1$.

[11 Marks]

QUESTION FIVE

- (a) What is a partial Integration? [2 Marks]
- (b) Find the general solution of the differential equation $T'' + 4T = 0$. [4 Marks]
- (c) Solve the differential equation $\frac{\partial^2 u}{\partial x \partial y} = \cos(x + y)$ given that $\frac{\partial u}{\partial x} = 2$ when $y = 0$, and $u = y^2$ when $x = 0$. [9 Marks]