

Credit Unit: 3

Course Code: PAD 408

Course Title: Development Planning

Instructions: 1. Indicate your Matriculation Number clearly

2. Answer Four (4) questions in all. Question 1 is compulsory and carries 25 marks

3. Other questions carry 15 marks each

4. Present all your points in coherent and orderly manner

Time Allowed: 2hrs:30 minutes

- 1a) What do you understand by the term Agricultural development planning? 5marks
- 1b) State Five (5) steps taken in planning agricultural development sector based on the sector's problems. 10 marks
- 1c) Define the term Planning? 5 marks
- 1d) Define the term Operational plan 5 marks
- 2a) Define the term Project 5 marks
- 2b) State Five (5) characteristics of a project 10 marks
- 3) Write short notes on the following: 15 marks
- National and International Projects
 - Industrial and Non-industrial Projects
 - Projects based on Technology
 - Projects based on its size
 - Project based on ownership
- 4a) What do you understand by the term Lead strategy? 3marks
- 4b) Differentiate between a Project and a Programme with respect to the following terms: 12 marks
- Structure
 - Effort
 - Duration
 - Benefits
- 5a) What do you understand by the term Project Cycle? 5 marks
- 5b) What are the various stages of a Project Cycle? 10 marks

3b. Explain the reason why hydrolysable stitches is used for biomedical applications. 3 marks

3c. Define the term crystallite.

2 marks

QUESTION FOUR

4a. Differentiate between solubility and solvolysis.

4 marks

4b. State the uses of two products of condensation polymerization.

4 marks

4c. Discuss the term degradation of polymer?

7 marks

QUESTION FIVE

5a. Polymers are designed synthetically to meet specific needs and desired impressions, state what should be taken into cognizance in the production of the appropriate polymer.

6 marks

5b. State why some polymers can be melted and reshaped.

3 marks

5c. Describe the production of polyethylene by the process of high degree technique.

6 marks