



NATIONAL OPEN UNIVERSITY OF NIGERIA  
FACULTY OF AGRICULTURAL SCIENCES  
DEPARTMENT OF CROP AND SOIL SCIENCES  
2025\_1 EXAMINATION....

**COURSE TITLE: WEED SCIENCE AND CONTROL (3 CU)**

**COURSE CODE: CRP 501**

**TOTAL SCORE: 70 MARKS**

**INSTRUCTION: Answer *FOUR* Questions in all.**

*Question 1 is compulsory (25marks) and any THREE Questions (15 marks each)*

**TIME ALLOWED: 3 hours**

**Q1**

- (a) Mention the benefits that we can derive from weeds in Nigeria (15 marks)
- (b) Enumerate ways of preventing the spread of weed seeds and their propagules on our farms (10 marks)

**Q2**

- (a) Discuss in detail weed seed dispersal in space (5 marks)
- (b) Below are the selected species of weeds. Indicate their respective propagules and mode of dispersal (10 marks)

S/N	Species of weed	Propagules	Mode of dispersal
1	<i>Agerantum conyzoides</i>		
2	<i>Acanthosperm hispidium</i>		
3	<i>Imperata cylindrical</i>		
4	<i>Imperata acquatica</i>		
5	<i>Cassia occidentalis</i>		

**Q3**

What do you understand by :

- (a) Selective and non-selective herbicides
- (b) Systemic herbicides
- (c) Soil-acting herbicides (5 marks each)

**Q4**

- (a) What procedures are you expected to follow in case of herbicide spillage (7 arks)
- (b) Enumerate the safety precautions to observe when disposing herbicide containers and left-overs (8 marks)

Q5

What are the critical environmental/weather/edaphic related factors to consider when spraying herbicides (15 marks)