

OBAFEMI AWOLOWO UNIVERSITY, ILE-IFE
B.AGRIC. (PLANT SCIENCE)
FACULTY OF AGRICULTURE
RAIN SEMESTER EXAMINATIONS 1989/90 SESSION
PSC 506 - PLANT DISEASE CONTROL
SEPTEMBER, 1990 TIME ALLOWED: 2 HOURS

Answer ALL Questions. Use separate Answer Booklet for each Section.

SECTION A

1. Write a well-reasoned essay on the relationship of man to the Plant Kingdom and the role of a Plant Pathologist in such a relationship.
2. Write detailed notes on each of the following:
 - i) Disease triangle
 - ii) Carbamic acid and its derivatives
 - iii) Bordeaux mixture
 - iv) Antibiotics
 - v) Protocatechuic acid.

SECTION B

3.
 - a) List the pre-requisites for an effective plant quarantine programme.
 - b) Discuss the measures which should be considered in setting up plant quarantine programmes giving the advantages and disadvantages of each measure
4. Comment briefly on each of the following as they relate to pest/disease control
 - i) Modification of temperature
 - ii) Inhibitory and stimulatory volatile substances
 - iii) Organic amendments
 - iv) Food and Agriculture Organisation
 - v) Bacillus penetrans.

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