

**FIJI NATIONAL UNIVERSITY****College of Agriculture, Fisheries & Forestry****School of Agricultural Sciences****B. Sc. (Ag.) Third Year Second Trimester– 2017****ENT 702: Biosecurity and Quarantine****Time Allowed: 3.00 hours plus (10 minutes reading time) Total Marks: 50****INSTRUCTIONS:**

1. This paper consists of **six** pages including **two** pages Answer Sheet.
2. Please check to see that all your answer script is complete.
3. Answer all the Objective Type Questions on the Answer Sheet and Descriptive Type Questions in the Answer Booklet only.
4. No written or printed material and mobile phones are allowed in the examination hall
5. Marks allocated for each question appears at the side of each question so allocate your time accordingly.
6. This paper is divided into Two parts. First part contains Objective Type Questions which has four Sections – A, B, and C. All questions in this part are compulsory. Second part is Descriptive Type which has **six (6)** questions. Attempt only any **five (5)** questions from this part.

I. OBJECTIVE TYPE QUESTIONS (20 Marks)**To be answered only on the Answer Sheet.**

Section A: Fill in the blanks. (10 Marks)

Section B: Multiple choice Questions. (5 Marks)

Section C: Write True or False. (5 Marks)

II. DESCRIPTIVE TYPE QUESTIONS (30 marks)

There are **six (6)** descriptive type questions provided, please **attempt any five (5) questions only** and write on the Answer Booklet. Answer every question from a new page to facilitate evaluation.

Student ID No.:

Date.....

I. OBJECTIVE TYPE QUESTIONS

Time: 45 Minutes

Total Marks: 20

A. Fill in the blanks.

(10x1=10 Marks)

B. Fill in the blanks.

(10x1=10Marks)

1. The IPPC recognizes the usefulness of international co-operation in controlling-----
2. The IPPC prevents the introduction and ----- of pest and disease across the natural boundaries.
3. Every contracting government shall assume----- required under IPPC.
4. Every member of IPPC has major provision for official-----
5. Word quarantine is derived from latine word----- means-----
6. Any proposal by a contracting government, amendment of this convention, notice of any proposal is done by-----
7. The first name of Fiji Quarantine Department was-----
8. The full form of RPPO is-----.
9. The full form of APPPO is-----
10. Quarantum refers a 40 d period of ----- arriving from countries with-----

C. Multiple choice questions: Select the correct answer.

(10x0.5=5 Marks)

1. IPPC was established in year

A.	1952	B.	1942
C.	1962	D.	1955

2. The number of RPPOs around the world are-----

A.	6	B.	8
C.	9	D.	7

3. Fiji become member of IPPC in the year-----

A.	2001	B.	2002
C.	2004	D.	2005

4. The member countries in IPPC are-----

A.	178	B.	186
C.	188	D.	198

5. The name BAF was given in the year-----

A.	2008	B.	2006
C.	2007	D.	2009

6. International convention measures to be taken against the PhylloxeraVastatix of-----

A.	5 Nov 1881	B.	4 Nov 1881
C.	6 Nov 1881	D.	3 Nov 1881

7. The IPPC have -----articles to govern its rule of regulation

A.	12	B.	13
C.	14	D.	15

8. National Plant Protection organization abbreviates-----

A.	NPO	B.	NPPO
C.	NPPPO	D.	None of the above

9. Food and Agriculture Organization abbreviates

A.	FOA	B.	AOF
C.	FAO	D.	None of the above

10. The additional convention signed at Berne on-----

A.	15 April, 1989	B.	15 April, 1979
C.	15 April, 1998	D.	15 April, 1969

D. Write 'True' or 'False'.**(10x0.5=5Marks)**

1.	The Director General of FAO shall appoint a committee of experts including all the governments	
2.	Phytosanitary certificate do not accompany consignments of plants intended for planting	
3.	The function of Regional Plant Protection Act as the coordinating bodies to achieve the objectives of this convention	
4.	The IC for the protection of plants signed at Rome on 16 April, 1929	
5.	In case of conflict governments concerned may request the DG of FAO to appoint a committee for the dispute	
6.	The term "plant product" shall comprise unmanufactured and milled mater of plant origin.	
7.	The governments concern shall share equally the expenses of the expe nominated by FAO	
8.	The full form of WTO is World Trade Organization	
9.	The term plant shall comprise living plants and parts.	
10	There are 188 member countries in IPPC	

II. Descriptive type Questions**(30 Marks)****Note: Attempt Any FIVE Questions Only. All carries equal SIX marks.**

1	Define Quarantine. Discuss the history and development of Quarantine.	(6)
2	Discuss preamble, purpose and responsibility and scope of International Plant Protection Convention.	(6)
3	Discuss import procedures and general conditions under Quarantine.	(6)
4	Discuss classification of spraying technologies, Hand sprayer, Foot sprayer and Power sprayer.	(6)
5	Discuss principals and concepts of Plant Quarantine.	(6)
6	Discuss additional aids for visual inspection for detection of insects in imported germplasms.	(6)

The End

Date:

Marks obtained:

Name:

Student I D No.:

B. Sc. (Ag.) Third Year Second Trimester– 2017

ENT 702: Biosecurity and Quarantine

I. Objective Type Questions - Answer Sheet

Time: 45 Minutes

Total Marks: 20

A.	1.		
	2.		
	3.		
	4.		
	5.		
	6.		
	7.		
	8.		
	9.		
	10.		
B.	1.		
	2.		
	3.		
	4.		
	5.		
	6.		
	7.		
	8.		
	9.		
	10.		

C.	1.		
	2.		
	3.		
	4.		
	5.		
	6.		
	7.		
	8.		
	9.		
	10.		

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