

(4)

Unit-III / FkæF-III

6. Describe the causal organism, symptom and control of "Red rot of sugarcane". 11

ielVeskeå ueeue mel[ve (j[j eš) j eše keå keåejkeå j ešeCeg ue#eCe SJel
efreUev\$eCe keåe JeCæte keåæpeS-

7. Give the disease cycle of the following: 11

efrecveeueeKele keå j eše Ueåå oæpeS:

(i) Root knot of vegetables

mæjpeUeellcelllceue iee' j eše

(ii) Loose smut of wheat

ieñBkeåe MueLe keå[j eše

Unit-IV / FkæF-IV

8. Discuss the various environmental factors that affect the development of a fungal disease. 12

keåJekå j eše keå eftekeåeme cellWheUeåej Ce keåejke keå cenIJe keåe
yeeFÙes-

9. Write notes on the following: 12

efrecveeueeKele hej ešhæCæUeeB eueeKeS:

(i) Bacterial toxins

peelæCeg efle-e

(ii) Biocontrol

penlekeå j ekeåLeece

A

(Printed Pages 4)

S-643

B.Sc. (Part-III) Examination, 2015

(For Regular & Exempted Students)

BOTANY

First Paper

(Microbiology & Plant Pathology)

Time Allowed : Three Hours] [Maximum Marks : 75

Note : Answer five questions in all. Questions No.

1 is compulsory. Beside, attempt one question from each of the four units.

keåue heåBe ælMveellkeå Gøej oæpeS- ælMve meå 1 DeåreJeeUe&ñw

Fmekeå Deellæj òåå Ueej FkeåeFÙeeUellcellmes ælUeåå FkeåeF&mes Skeå
ælMve keåæpeS-

1. Describe the following in brief: 30

efrecveeueeKele keåe meå#ehle JeCæte keåæpeS:

(i) Tobacco Mosaic

šeyelcåes ceåpelkeå

(ii) Gram negative bacteria

«eece veiesšJe peelæCeg

