

(4)

(ii) Plant Community

heohe keacUegveŠa

(iii) Types of Forest found in Central India in Brief

me#e ceUce0Ùe Yeej le ceUheS peeves Jeeves Jee

Unit-IV/Fkeaf-IV 11

8. Describe the symptoms, causal organism and methods of control of "Little leaf of Brinjal" disease.

yeÙeve ceUves Jeeveer 'eÙeeŠue ueeha' yeeceej er kea ue#eCe, keaj kea, leLee yeeceej er kea yeÙeJe keaer eÙeeŠevee keaapeS~

9. Describe only symptoms & name of the causal organism of following disease.

eÙeeveÙeeKele heohe yeeceej UeelKea keaÙeve leLee keaj kea veece yeÙeeS~

(i) Tobacco Mosaic

'ceÙeeŠa' lecyeekeā kea heoÙe hej

(ii) Citrus Canker

veegret hej keavkeaj

(iii) Red rot of Sugar Cane

ieÙee hej j[ješ

(iv) 'Damping off' of seedling.

[ueÙee Deeeā Deeeā mee[eÙee

A

(Printed Pages 4)

Roll No. _____

S-639

B.Sc. (Part-III) Examination, 2015
(For Regular & Exempted Students)

BOTANY
Paper - III

Environmental Botany and Plant Pathology

Time Allowed : Three Hours] [Maximum Marks : 75

Note : Answer five questions in all. Question No. 1 is compulsory. Attempt one question from each Unit. Attempt all parts of a question together.

kegve heeÙe ðeÙveÙeeKeā Gøej oapeS~ ðeÙve meb1 DeereÙeeÙe nwe ðeÙeeKeā Fkeaf&mes Skeā ðeÙve keaapeS~ Skeā ðeÙve kea meÙee GheKeC[ellKeā Gøej SkeameeLe oapeS~

1. Write short notes on any ten of the following:

eÙeeveÙeeKele ceUmes ekeavner ome hej me#ehle eŠheceÙeeÙe eÙeeKeS

(i) Chlorosis 10×3=30

keavveej ešfreme

(ii) Potato Scab

Deeuet ceUÙmekeāye

(iii) Clay Soil

keāves ceÙe

(2)

- (iv) Fluoride Pollution
हैरिसेज eF [(te)keCe
- (v) Remote Sensing
मेरिज मेलेसेवे
- (vi) Ecotone
FkeaeSesve
- (vii) Mangrove Forest
ceDeese Jev
- (viii) Acid Soil
DecueeDe ceoe
- (ix) Radioactive Pollution
jst [UeeDeceea (te)keCe
- (x) Lithosere Succession
ueeLeesmelej DevegeaceCe
- (xi) Antibiotics
SvSeyeeJeesiSkeá
- (xii) Incubation Period
Fvekeleeyesveve keáue

Unit-I / FkeaeF-I 12

- 2. Describe the Main Soil groups found in India.
Yeej le celltheeS peeves Jeeves (te)keCe ceoe meceeh keáer UeJee&keáerpeS-
- 3. Write short notes on the following : 4+4+4
e[re]cveeDeeKele hej me#ehle eStheeCeJeeB e[re]eKeS :
 - (i) Afforestation
Sheáesj mŠMeve

S-639

(3)

- (ii) Humification
Ce[re]ceehkeáeMve
- (iii) Wind energy
JeeUeg Tpeel

Unit-II / FkeaeF-II

- 4. Discuss in detail about the Sound & Air pollution in Lucknow city and describe the measures of Control. 11
ueKeveT Menj ceNDJee[re] SJeB JeeUeg (te)keCe keáer e[em]teej celltheeJeeSveve keáerj Ues leLee meceDeeve keáer e[re]eDeUeeMkeáe JeCe[te] keáerj Ues
- 5. Write short notes on the following : 3+4+4
e[re]cveeDeeKele hej me#ehle eStheeCeJeeB e[re]eKeS :
 - (i) Solid waste pollution
"ene DeheMe° (te)keCe
 - (ii) Increasing B.O.D. in Gomti river
ieeseleer veer cellB.O.D. keáe DeeDekeá ne[re]e
 - (iii) Ozone Layer depletion
Dee[re]e[re] hej le keáe #eej Ce

Unit-III / FkeaeF-III 11

- 6. What do you understand by Biodiversity?
yeeUees [eF]ej e[re]eŠer mes Deeh keálee mecePeles n[P]
- 7. Write short notes on the following : 4+4+3
e[re]cveeDeeKele hej me#ehle eStheeCeJeeB e[re]eKeS :
 - (i) Ecological Pyramid
heeej e[em]Lekeá e[re]j ee[re]e [

S-639

P.T.O.