

(4)

(ii) jameeUeefreka Deekaincepeve ceelie (meer. Dees [er.]

(iii) jof[UeeSkeasJe beoteCe

Unit-III / FkaeF&III

6. Give an account of community and its structural organization. 11

mecepele SjeGmeke jUveelceka melie"ve kaee Jecette keapeS-

7. Write short notes on the following: 4+4+3

efceveeekKele hej me#ehle eShheeCeUeeB eueeKeS:

(i) Endemism

mLeeefrekaalee

(ii) Biotic Communities

pele mecepele

(iii) Natural vegetation of India

Yeejle kaee bekaaleka Jeevemheeleka peeleve-

Unit-IV / FkaeF&IV

8. Write short notes on the following: $5\frac{1}{2} \times 2 = 11$

efceveeekKele hej me#ehle eShheeCeUeeB eueeKeS:

(i) Nutrient disorders (under field condition)

heeseke ekekaej (#e#e efmLeele kaee Devlelele)

(ii) Acid soils

DecueeLe ceee

9. What is soil erosion? Explain its Various methods of conservation. 11

ceee #ejCe keelee n# ceee mej #eCe kaee eleevele kaee Jecette

keapeS-

A

(Printed Pages 4)

Roll No. _____

S-645

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

(For Regular & Exempted Students)

BOTANY

Paper-III

(Environmental Botany)

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.

kegue heeBe beMveelke Goej oeepeS- beMve me 1 DeefreJeeUe&n# beUeeke FkaeF&mes Skee beMve keapeS- Skee beMve kee meYee GheKeC[eWka Goej SkeameeLe oeepeS-

1. Write short notes on any ten of the following: $3 \times 10 = 30$

efceveeekKele ceWmes ekeavneR ome hej me#ehle eShheeCeUeeB eueeKeS:

(i) Biodiversity

yeeUee[eF Jee#eS

(ii) Biogas

yeeUee#e

S-645

P.T.O.

(2)

- (iii) Marine aquatic flora
meceqer peueedle heeoh
- (iv) Ozone depletion
Deepeesve keae #eUe
- (v) Drip irrigation
veceve efneelF.
- (vi) Stratosphere
mššesfnhealUej
- (vii) Solar cooker
meesiej keqkeaj
- (viii) Age and Area hypothesis
DeeUeg SJob #eše heej keauhevee
- (ix) Soil pH
ceee hee. SÜe.
- (x) Producers
GHeeokea
- (xi) Fluoride pollution
heieej eF [UeokeCe
- (xii) Chipko movement
eUhekeaeas Deevoesve

Unit-I / FkeaeF&I

2. What are fossil fuels? Discuss the process of their origin in detail. Enumerate various types of fossil fuels which are used as conventional energy sources.

12

(3)

peetealMce FÜeve keblee nP Gvekeaeer GHeebe keaeer UeaealUee keaes efemleej
mes mecePeeFS- efneelFve Uekeaej kea Tpee&ceeeellW yeejs celllyelFes
pees heej cheej kea™he mes UeUeeie ekealUes pee j ns nÜ

3. Describe any two of the following: 4 + 4 + 4

- (i) Tidal energy tapping
- (ii) Ganga Action plan
- (iii) Hazards of deforestation

efrecveeUeeKele cellmes ekeavnreÜoes hej ueleg efšheCeer efueeKeS:

- (i) meceqer pJeej Tpee&efve-keaeemeve
- (ii) ielUee SkeUevee hueeve
- (iii) JeevesceUeve meheáš

Unit-II / FkeaeF&II

4. Describe the major sources and effects of sound pollution. Also explain three control measures to reduce sound pollution. 11

ÜJeeve UeokeCe kea UecejKe ceeeellWSJob UeYeeJeeUW JeCelle keaeepelUes
ÜJeeve UeokeCe kea efUeUeCe nšegleere UeUeepeveellkeaeer JUeeKUee keaeepes~

5. Write short notes on any two of the following: 4 + 4 + 3

- (i) Particulate matter (SPM)
- (ii) Chemical Oxygen Demand (COD)
- (iii) Radioactive Pollution

efrecveeUeeKele hej meš#ehle efšheCeUeeeb efueeKeS:

- (i) "eme keaCe (Sme. hee. Sce.)