

Roll No.....

Total No. of Questions : 05  
Total No. of Printed Pages : 02

Code No. : B-275(A)

Annual Examination - 2017

B.Sc.-III

BOTANY

Paper-II

ECOLOGY AND UTILIZATION OF PLANTS

Max.Marks : 50

Min.Marks : 17

Time : 3 Hrs.

110 B Zalky cSyaceycSy Zalka Nv Sylak n ysā ZalkaSy ; Sy ytā Nēn

Note : Attempt one question from each unit. All questions carry equal marks.

Unit-I

Zalka-1. qācSy kānā qē kāvSy SyēSy Sy ZāwāSyā w/ā Sylak n

Describe the effect of biotic factors on the nature of plant life.

OR

yDām ā1qā/auā/āvān B

i) tUā•Ai ; AāSv/A

r) tā-sāmSy EyauāSy āā

Write short notes on :

a) Xerophytic adaptations

b) Soil-physico-chemical properties

Unit-II

Zalka-2. qāq ; AāSyt 1/ā Sy āvāsā j E1/āSyā w/ā Sylak n

Describe the various stages of plant succession.

OR

yDām ā1qā/auā/āvān B

i) qāq ytāu Sy vōā/ā

r) qāEOnānSy lu āqEāt »p

Write short notes :

a) Plant community characteristics

b) Ecological pyramids

P.T.O.

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**Unit-III**

ZālĀa-3. ytā<sup>1</sup> pqaē<sup>1</sup> ōnāmsyl s̄y vōā/āp̄sya w/āā s̄ylāk<sup>1</sup> ñ

Describe the characteristics of population ecology.

OR

yōāim ā<sup>1</sup> p̄qā/āuā<sup>1</sup> āvāh<sup>1</sup> β

i) sāēm s̄y wāā<sup>1</sup> d̄qāms̄y ōāā

r) sāēm wxēsyl wāā wāā<sup>1</sup> d̄qān

Write short notes on :

a) Botanical regions of India

b) Forest vegetation of India

**Unit-IV**

ZālĀa-4. wāā<sup>1</sup> d̄qāms̄y m̄y s̄y ē<sup>3</sup> qāāā<sup>1</sup> w̄w̄t̄ñ<sup>3</sup> s̄y w/āā s̄ylāk<sup>1</sup> ñ

Describe the production and importance of vegetable oil.

OR

yōāim ā<sup>1</sup> p̄qā/āuā<sup>1</sup> āvāh<sup>1</sup> β

i) āā<sup>1</sup> r) s̄yqāy

Write short notes on :

a) Wheat b) Cotton

**Unit-V**

ZālĀa-5. qā<sup>1</sup> j̄ ā<sup>1</sup> oā<sup>1</sup> qā<sup>1</sup> ā<sup>1</sup> s̄y w/āā s̄ylāk<sup>1</sup> ñ

Describe the five medicinal plants.

OR

yōāim ā<sup>1</sup> p̄qā/āuā<sup>1</sup> āvāh<sup>1</sup> :

i) ērē r) j̄ ā

Write short notes on :

a) Rubber b) Tea

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**Unit-III**

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