

(4)

Unit-III / FkeaeF&III

6. What are mangroves and discuss their significance in management of ecosystem? 11  
cewekeedeme keelee nwwlelee Gvekeaeer heegf emlealekeaa lalle kea Oeyedeve cel  
cenlJeltee hej UeUee&keaj W

7. Write short notes on the following :

(i) Biosphere Reserves 6

(ii) Seed Banks 5

efrecveeueekete hej mef#ehle eShheeCeUeeB efueekelJes

(i) peedeceellue efj pejel

(ii) yeape yelaine

Unit-IV / FkeaeF&IV

8. Give a detailed account of pollen morphology.  
hej eie Dekeaeefj keaeer keae eitemlete eilelej Ce oeppeles 12

9. Write notes on the following : 2x6=12

(i) Significance of Biostatistical studies in crop breeding.

(ii) Standard deviation and Standard error.

efrecveeueekete hej eShheeCeUeeB efueekelJes

(i) meebkUekeaeer keae DeVehes Oepeveve kea DeOUeUeve celwcnlJe

(ii) cevekeaa eileUeueve SJehe cevekeaa Segs

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(Printed Pages 4)

S-637

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

BOTANY

First Paper

(Plant Resource Utilization, Palynology and  
Biostatistics)

*Time Allowed : Three Hours ] [ Maximum Marks : 75*

Note : Answer five questions in all. Question No. 1  
is compulsory. Attempt one question  
from each of the four Units.

kegue heeBe OelMveellkeaa Goej oeppeS~ OelMve meB 1 DeefveeUee&nw  
Fmekeaa Deell eefj oea Ueej FkeaeF UeeellcelImes Oel Uekea FkeaeF&mes Skeaa  
OelMve keaeeppeS~

1. Write briefly on any 10 of the following :

10x3=30

(i) Green Revolution

(ii) Herbarium

(iii) Essential oils

(iv) Quinine

(v) Cryobanks

(2)

- (vi) X<sup>2</sup> test
- (vii) Wetlands
- (viii) National Parks
- (ix) Variance
- (x) Picking of tea leaves
- (xi) Cereals
- (xii) IRRI

efrecveueeKele cellmes ekeavneR 10 keaes me#ehle cellveueeKeS :

- (i) ne#j le >eaeef/le
- (ii) nj yes#j Uece
- (iii) meie#e lewe
- (iv) keaeereere
- (v) efrecve leche yelka
- (vi) X<sup>2</sup> UeUeeie
- (vii) oueoue
- (viii) je° e#le GAeeve
- (ix) Uemej Ce
- (x) UeeUe keaer haebelUeelWkeae UeUeve
- (xi) Deveepe
- (xii) DeeF&Deej .Deej .DeeF&(IRRI)

Unit-I / FkeaeF&i

2. Write short notes on following:
- (i) Vavilov's centres of origin

6

(3)

- (ii) Legumes 5

efrecveueeKele hej me#ehle efShheCeeUeeB efueeKeeUes :

- (i) Jen#eueeie kea G#heebe keav#o
- (ii) ouenve

3. Write in detail about Origin, Cultivation and Improvement of wheat. 11

ie#B keaer G#heebe, keae#e S#eb me#eej kea yeej cellveUem le#e JeCe#e kea#p#eUes

Unit-II / FkeaeF&I I

4. Write notes on the following:

- (i) Petro crops 6
- (ii) Processing of Coffee 5

efrecveueeKele hej efShheCeeUeeB kea#p#eUes :

- (i) heS#eae#me
- (ii) kea#eae#r keae Ue#eaeCe

5. Name any two fibre yielding plants and assign them to their families. Describe the characteristics and extraction of any one of the fibres. 11

ekeavneR Oes hee#eellWkeae veee yeeUeeUes ef#evemes j#Mes ef#eueles nes leLee Gveke# ke#ueellWkeae veee efueKeW Gvecellmes ekeam S#e#e j#Mes keaer ef#eUeseleeeDeeWleLee Gmeke# ef#e-ke#e#e keae ef#e#ej Ce oW