

(4)

Unit - III

FkaeF&- III

6. What is silk? Define sericulture. Give an account of life cycle of Bombyx mori with uses of silk. 11

j Mece kaale n? j Mece kaes heueve kaes heej Yeekele kaepes- j Mece ka Ghueeie ka meeLe yeeeyekaine coej er ka peeteve Ueaa kaee eleejCe oepes-

7. Give an account of Lac-culture in India. Also describe economic importance and products of Lac. 11

Yeejle Je&cellueeKe heueve kaee eleejCe oepes- Fmekea Deeleka centJe leLee ueeKe ka Gheeeellkaee YeeJecette kaepes-

Unit - IV

FkaeF&- IV

8. What is wild life? Describe various acts framed to protect wild life in India. 12

JevUe peeteve kaale n? Yeejle Je&celluevUepeete mejj #eCe ka eeS yeees ieS eleeveDeeDeeUeCe kaee Jecette kaepes-

9. Give an account of National Parks and Sanctuaries of U.P.. 12

Goej eomle ka je° Ue heekeaXleLee JevUe UeeCeer mejj #eCe MeeueeDee ka yeejs cellueeJecCe oepes-

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(Printed Pages 4)

Roll No. \_\_\_\_\_

S-661A

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

ZOOLOGY

First Paper

(For exempted only)

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

Note : Answer five questions in all. Question No. 1 is compulsory. Attempt at least one question from each unit. Illustrate your answer with suitable diagrams.

kegue heeBe UeMveellka Goej oepes- UeMve meB 1 DeeeJeeU&nrw UeUeKa FkaeF& mes kaee mes kaee Skea UeMve kaepes- Deheve Goej ellkaes Ghuegea j KeeDeSeeUeEje mebeUe kaepes-

1. Write short notes on the following:  $3 \times 10 = 30$   
e/reeveUeeKele hej mejj#hle eShheCeeB eeekes :

(i) Wuchereria bancrofti

'JegUej sj Uee yeweehaeSeF&

(ii) Sainura

'mesUej e'

(2)

- (iii) Trypanosoma  
eS haweeceesce
- (iv) Sugar cane leaf hopper  
ielves keae ueeha neej
- (v) Exotic species  
JeeCe fepceelle
- (vi) Endangered species  
'uehje-keele peecelleeB
- (vii) Singhi  
ehellee
- (viii) Wax-moth  
ceese-MeueYe
- (ix) Lac-Insect  
ueeKe keae keaale
- (x) Vectors  
jesieeenka

Unit - I

FkaeF- I

2. Give an account of structure, life cycle, pathogenicity and control measures of Diphyllobothrium. 11

'[eFhaeFueeceede]e' keae meji Uevee, peeleve Ueaa, jesiepevekaalee  
leLee eReUeCe GheeUeeWkae JeCeKe keaapeS~

S-661 A

(3)

3. Write notes on the following: 11

efrecveeueeKee hej eShhaeCeUeeB eueeKeS:

- (i) Meloidogyne  
'eCeueeF [eieeFve'
- (ii) Heterodera  
nisej eFje
- (iii) Aphelenchoides  
'SheaueeKeaale [eme'

Unit - II

FkaeF- II

4. Describe the structure, life cycle, nature of damage and control measures of termites. 11  
oeekeae keae meji Uevee, peeleve-Ueaa, #eele leLee eReUeCe GheeUeeWkae  
JeCeKe keaapeS~

5. Write notes on any two of the following:

efrecveeueeKee cellmes ekaavneK oes hej eShhaeCeUeeB eueeKeS: 5 1/2 x 2

- (i) Gundhi-bug  
ievOeer yeie
- (ii) Rodents  
kaavlekae
- (iii) Grain-moth  
Deveepe-Meuece

S-661 A

P.T.O.