

(4)

7. Write short notes on any three of the following : $2\frac{1}{2} \times 3 = 7$

efrecve cellmes ekeavnre leare hej me#ehle eShheCeer eueekKedjes :

- (i) Nephritis
veceaeFešme
- (ii) Neurotransmitters
leedše meblejeje
- (iii) Chemistry of vision
ÅefP %eeve keær j medleveer
- (iv) Monocular vision
Skeåvešeele oelMeke

Unit-IV/FkeæF-IV

8. Describe the function of various hormones secreted by Adrenal gland. $7\frac{1}{2}$

DeeDeJekieå «eåle Éeje Beedele eledve nejcceveellkeå keåJeeK keåe
JeCete keæpPeš-

9. Write short notes on any three of the following : $2\frac{1}{2} \times 3 = 7\frac{1}{2}$

efrecve cellmes ekeavnre leare hej me#ehle eShheCeer eueekKedjes :

- (i) Function of progesterone and estrogen
Deepesnšjere leLee Smššepere keå keåJel
- (ii) Graffian follicles
«eåeåleve hešškeåJel
- (iii) Hormones secreted by Pituitary gland
eššVešjer «eåle mes Beedele nesves Jeeves neceere
- (iv) Menstrual cycle
DeeJel&Úeåå

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

HOME SCIENCE

(Group-I)

Third Paper

(Human Physiology)

Time Allowed : Three Hours] [Maximum Marks : 50

Note : Answer five questions in all. Question No. 1 is compulsory. Attempt one question from each unit.

keåue heešle DeMveellkeå Gøej oæpeš- DeMve meå 1 DeeJeeDe&nrw
DeJeekeå FkeæF&mes Skeå DeMve keæpPeš-

1. Give a brief account of the following : $2 \times 10 = 20$
efrecveeuekete keåe me#ehle eššejCe keæpPeš :

- (i) Proteases
Deeššpepe
- (ii) Acromegaly
De«eeelkeåJel ee
- (iii) Thromboplastin
Leššyeebu eefnšve
- (iv) Autonomic reactions
mJeeJeeå Deell eššåJeeJel

(2)

- (v) Brunner's glands
yeQeme& «ebl.eleel
- (vi) Hyoid apparatus
neS[Ghekeaj Ce
- (vii) Structure of sperm
Meycaeceg keaer mejj Uevee
- (viii) Epidermis
DeeDeUecel
- (ix) Accomodation power
mecepeve #ecelee
- (x) Addison's disease
S[emeve jeie

Unit-I / FkeaeF-I

2. What is Cardiac Cycle? Describe various steps of Cardiac Cycle. 7 1/2
uoUe Uvea keblee nI? uoUe Uvea kea ebleeVe Uej CeelWkeae JeCeUe keacepeUes
3. Write short notes on any three of the following : 2 1/2 x 3 = 7 1/2
eqecve cellmes ekeavnre lceve hej mef#ehle eShheCeer eUeeKeeUes :
 - (i) Vascular tissue
mellenveeUe T lkeka
 - (ii) Lymph gland
ueemkeae «ebl.e
 - (iii) Pelvic girdle
BeeslCeceWkeuee

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(3)

- (iv) Blood groups
™eDej Jeie

Unit-II / FkeaeF-II

4. Describe the function of mammalian kidney and explain the process of urine formation. 7 1/2
ml eafreUeeNceWkekaeellkeae keaeUeeKkeae JeCeUe keacepeUes l.eLee ceUe eUeeceUe keaer UeeceUee mecePeeF Ues
5. Write short notes on any three of the following : 2 1/2 x 3 = 7 1/2
eUeeve cellmes ekeavnre lceve hej mef#ehle eShheCeer eUeeKeeUes :
 - (i) Ultrafiltration
hej eefremhelove
 - (ii) CO₂ transport
keacyeUe [eFDeekeineeF [heefj Jerve
 - (iii) Thermoregulation
leeheUe eUeeUeeCe
 - (iv) Pancreas
DeiveeMeeUe

Unit-III / FkeaeF-III

6. What is sodium potassium pump? Describe the process of hyperpolarization and repolarization. 7 1/2
meesf Ueece heeslMeeUeece heche keblee nI? DeeUeeUeeCe l.eLee hegeUeeCe keae mecePeeF Ues

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P.T.O.