

(2)

(iv) DNA model of Watson and Crick
JeeŠmeve Je ofcaka keae [er Sve. S. ceefue

(v) Incomplete linkage
DeheCe& menueivelee

(vi) Haemophilia
neccehkaeeUee

(vii) Mutagens
GlheefJeleae peve

(viii) Golgi bodies
ieepeer yeece

(ix) Food chain and Food web
KeeAe eeKeece SJeKeeAe peeve

(x) Halophytes
ueJeCeand/ee

(xi) Ecotone
FkeaeŠeeve

(xii) Telomere
Dehe: KeC[

Unit-I / FkeaeF-I

2. Write an essay on the structural changes in chromosomes of plant. 7 1/2

heeeellkeae ieeemeŠeeellcellmehj Ueeveelcekae heefJeleae hej efrevevee eeueKeeles

(3)

3. Write short notes on any two of the following: 7 1/2

(a) Euchromatin and Heterochromatin

(b) Mitosis

(c) Chloroplast

efveceueekKele cellwekavnre hej mehfchle efŠhehCeUeeB eeueKeeS :

(a) UteaeeseŠve SJe nŠj eseaeeseŠve

(b) mecemeŠeeCe

(c) nefJele ueJekae

Unit-II / FkeaeF-II

4. Give an illustrate account of chromosomal theory of sex determination. 7 1/2

eeuele eeveeŠeeCe keae ieeemeŠeekeae efneaevele keae JeCeUee keaepeS-

5. Write short notes on any two of the following: 7 1/2

(a) Restorer gene

(b) Dihybrid Cross

(c) Role of genetics in human welfare

efveceueekKele cellwekavnre oes hej mehfchle efŠhehCeUeeB eeueKeeS :

(a) jnŠeejj peeve

(b) eeŠmekeaj >eame

(c) DeevegehŠmekeae ee%eeve keae peve keauUeeCe cellUeeieoeeve

Unit-III / FkeaeF-III

6. Write about the natural selection theory of evolution. 7 1/2

>eaecekeae eekeaeeme keae heefJeeŠeeUee cellUeekeae eekeae mehfUeeve keae efneaevele keae JeCeUee keaepeS-