



(2)

(iv) Name any two hormones that are secreted from pancreas.

ekavneR oes neceare pees DeivUeeMeUe mes ceedele nQ ka veece eueeKeS-

(v) What is homolactic acid fermentation?

nesesrekeška Decue ekeáCJve kelee nP

(vi) How many ATPs are formed in the conversion of glucose into pyruvate during glycolysis?

iueeFkaesuefneme Eeje heeF™ Ješ celliuekeape ka eueecele hej ekeáeves S. šer. hee. yeveles nP

(vii) What is ammonification?

DecesueeakeáMeve mes Deche kelee mecePeles nP

(viii) What do you mean by diabetic ketosis?

ceOegem Decuej oálee mes Deche kelee mecePeles nP

(ix) Name any two inhibitors of electron transport chain.

Fuekešve melleen eekuee ka ekavneRoes eRej ekeáeMka veece yeleeFS-

(x) What is microbial spoilage of food?

Keáe heeoleeXkaer me#cepeeele ekeáe kelee nP

Unit-I / FkaeF-I

2. Discuss molecular aspect of transport in detail. 7 1/2

melleve ka DeecJeka he#e kaer eemlehe JueeKuee keapeles

S-740

(3)

3. Write short notes: 7 1/2

(a) Passive Diffusion

(b) Electron Transport chain

(c) Nucleic Acids

me#ehle ešheCeer eueeKees :

(ka) hamele e[Helepeve

(Ke) Fuekešve švmehešš & Uere

(ie) vUeekeá Decue

Unit-II / FkaeF-II

4. Draw and explain Pentose Phosphate Pathway.

hevšepe haemhaš heeLeles ka eueeCe SJeJ CeCoke kaaj Ues 7 1/2

5. Explain β oxidation of fatty acids in detail. 7 1/2

Jemele Decue ka β (yeše) Dekeineer[Meve eemlehe™ he meueeKees

Unit-III / FkaeF-III

6. (a) Draw the growth curve of bacteria. 3 1/2

peeeCJeka melleve Jeá eueeSele kaaj S-

(b) Discuss any two methods to measure bacterial growth. 4

peeeCJeka melleve ka ceUeeave kaaj ves ka euee ekavneR oes hee eueeMkae GuueKe kaapeS-

7. Write short notes on the following: 2 1/2 x 3

eueeueeKele hej me#ehle ešheCeer eueeKeS:

(i) Viruses

eueeCe

S-740

P.T.O.