

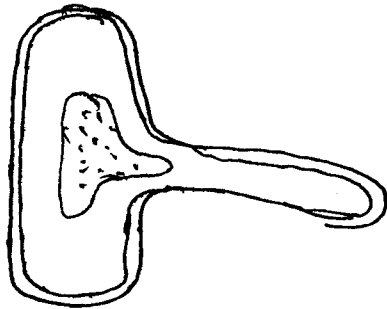
ADM NO..... NAME.....

BIOLOGY FORM 2 MID TERM EXAM 2016.

1, Fill in the table below .(5MKS)

| Enzyme | Food substrate | End products |
|---------|----------------|--------------|
| | Lipids | |
| Trypsin | | |
| | | |
| Ptyalin | | |

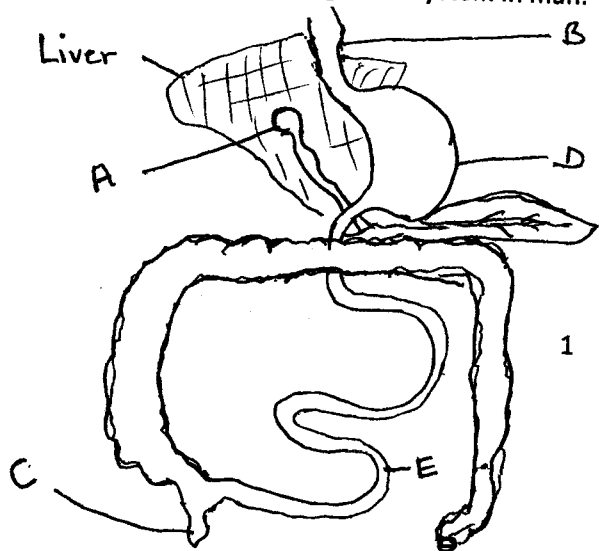
2. Name the cell below and state how its adapted to its function.(3mks)



(a) identity.....

(b) adaptation.....

3. The diagram below shows digestive system in man.



(a) Name the parts labeled .(5mks)

A.....

B.....

C.....

D.....

E.....

(b) Name two functions of the secretion s produced at A(4mks)

(i).....

(ii).....

(c) Name 3 enzymes produced in part labeled E which ;(3mks)

(i) Complete digestion of starch (a).....

(b).....

(c).....

(ii) Complete digestion of proteins(name one)(1mk)

.....

(d) i) Name the form(precursor) in which enzyme pepsin is produced.(1mk)

.....

(ii) Give a reason why its produced in the form stated above.....

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4. The diagram below represent dentition and dental formulae of a dog.



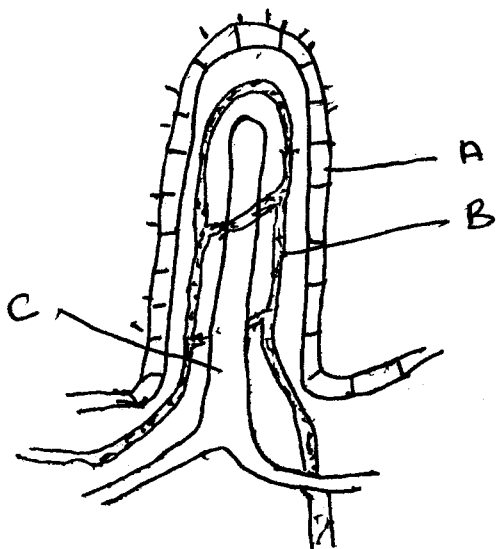
Name
(i) Label tooth A(1mk)

Tooth G(1mk).

(ii) Write the dental formulae of the animal drawn above.

4 Draw internal diagram of a molar tooth and label at least 5 parts.(5mks)

5 .Study the diagram below.



(i) Name the structure(1mk).

(ii) Where is the structure found ?.....(1mk)..

(iii) Label parts(3mks)

A

B

C

(iv) Give the function of the parts labeled(4mks).

B

C

vi) Name 4 enzymes that are active in this part of the gut and for each enzyme name the substrate

Enzyme

substrate

(i).....

.....

(ii).....

.....

(ii).....

.....

(iv).....

.....