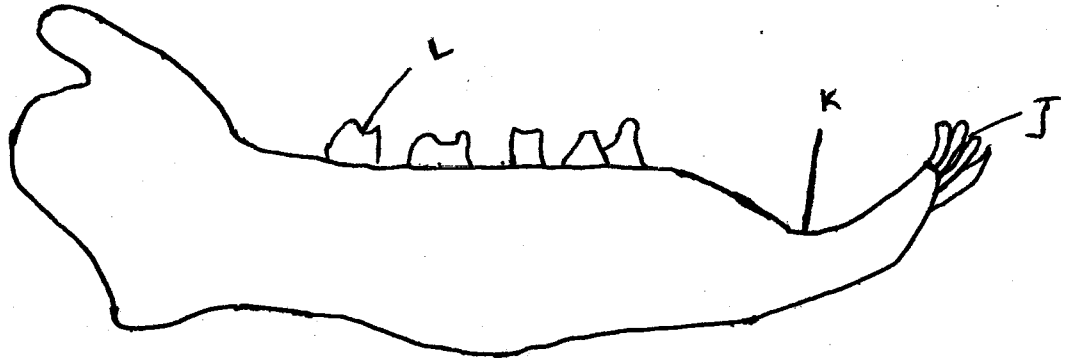


GATTU SECONDARY SCHOOL, P.O. BOX 327 – 01030, GATUNDU.

FORM 2 BIOLOGY. TUNE UP EXAMINATION. TERM 2 2015.

NAME: _____ CLASS: _____ ADM.NO: _____

1. The diagram below represents the lower jaw of a mammal.



- i) Name the mode of nutrition of the mammal whose jaw is shown. (1mk)
- ii)a) State one structural difference between teeth labeled L and those labeled J. (1mk)
- iii) Name the toothless gap labeled K. (1mk)

2. A certain animal has no incisors, no canines, 6 premolars and 6 molars in its upper jaw. In the lower jaw, there are 6 incisors, 2 canines, 6 premolars and 6 molars.

Write its dental formulae

(3mks)

3. State 2 functions of bile juice in the digestion of food.

(2mks)

i)

ii)

4. Explain how the following factors determine the daily energy requirement in human.

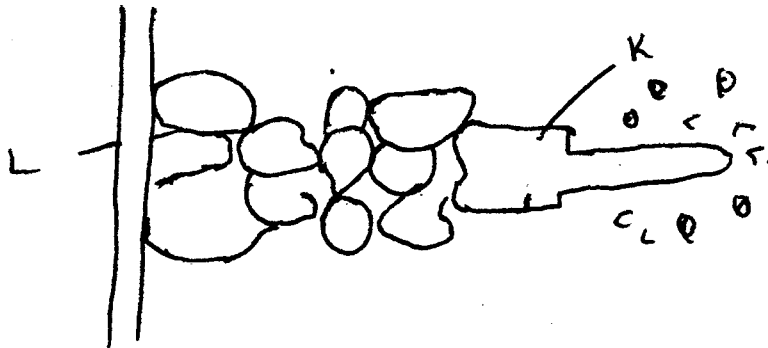
(6mks)

i) Age

ii) Occupation

iii) Sex

5. The diagram represent the pathway of water from the soil into the plant.



i) Name the structure labeled (2mks)

K _____

L _____

a) Explain how water from the soil reaches structure labeled L. (6mks)

b) Name the process by which mineral salts enter into the plant. (1mk)

