

VISWABHARATI - GUDIVADA

WORK SHEET - 4

Chapters: 7,8 ; EVS 19 to 24

Class: X

Subject: Biology Science

Name _____ Class/Sec: _____ Roll No: _____

Time: 75min

Marks: 30

Answer the following Questions

15 × 2 = 30

1. What simulates hunger? Can you suggest any 4 systems involved in the process of generating hunger sensation?
2. Draw the flow chart of sensation of Taste?
3. Define – Bolus, Chyme.
4. Why stomach is called churning Machine?
5. Observe below diagram and label any 4 parts.



6. How stomach is protected itself from HCl. Explain with an example / Activity?
7. Why nervous system in gut nick named as Second Brain?
8. Why did Mendal had choosen garden pea for hix experiments?
- 9.

♂	Y	y
♀	X y	
X y		

- i) Fill the Checker board?
 - ii) Write phenotype, Genotype ratio?
- 10.

Scientists	Theory
Lamark	?
?	Natural Selection
Malthus	?
?	Principles of Geology

11. Fore limb of Whale, Wing of bat, Hand of human, wings of Birds, Wings of butterfly. These are the examples for Homologous / Analogous Organs. Separate these organs and mention type of evolutions for both?
12. Explain – “Survival of the fittest “ . – With an example?
13. Sanjay and Saraya are newly married couple they want baby girl. Write Flow chart?
14. How would you appreciate the service of the rag pickers or trash collectors?
15. What are the main reasons for health problems? What do you think?