



LIFE PROCESS

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SCIENCE PRACTICE PAPER 04

Total Marks : 20

I. Choose the Most Appropriate Answers

3 x 1 = 3

- In which mode of nutrition an organism de-rives its food from the body of another living organism without killing it?
 - Saprotrophic nutrition
 - Parasitic nutrition
 - Holozoic nutrition
 - Autotrophic nutrition
- The site of photosynthesis in the cells of a leaf is
 - Chloroplast
 - Mitochondria
 - Cytoplasm
 - Protoplasm
- The contraction and expansion movement of the walls of the food pipe is called
 - Translocation
 - Transpiration
 - peristaltic movement
 - digestion

II. Answer the following questions

2 x 1 = 2

- Name the site of exchange of material between the blood and surrounding cells
- What is emulsification of fats?

III. Answer the Following questions

4 x 2 = 8

- State two differences between arteries and veins
- What will happen if mucus is not secreted by the gastric glands?
- Why does absorption of digested food occur mainly in the small intestine?
- What is the advantage of having four chambered heart?

IV. Answer the following questions

1 x 3 = 3

- Draw a diagram of excretory system in human beings and label the parts - Aorta, kidney, urinary bladder and urethra

V. Answer the following questions

1 x 4 = 4

- Explain the process of nutrition in Amoeba

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