

CHINMAYA VIDYALAYA, KUNNUMPURAM

ANNUAL EXAMINATION 2019-2020

STD:VII

BIOLOGY

Marks:60

Time:2hrs

General Instructions

- 1. Read all the questions thoroughly before writing the answers.*
 - 2. Remember that handwriting and spelling will be taken into account.*
 - 3. You are not allow to borrow or lent any material in the examination hall.*
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I. Name the following

(5X1=5)

1. The blood vessels that brings blood to the kidneys.
2. The part which maintains body postures.
3. The antibiotic which causes allergy.
4. The largest portion of the brain.
5. The conducting tissue which transports water in plants.

II. Fill in the blanks

(5X1=5)

1. Carbohydrates are stored by plants in the form of.....
2. Evaporation of sweat from skin surface has..... effect.
3. Chemical coordination is brought about by.....
4. In human beings, urea is produced in
5. Hay fever is usually caused by a reaction to.....

III. Correct the following statements

(5X1=5)

1. The substances that cause allergies are called asthma.
2. The cerebellum is the seat of intelligence and will power.
3. Removal of solid undigested food is excretion.
4. The opening of urinary bladder is called ureter.

5. The peripheral nervous system consists of the brain and the spinal cord.

IV. Find the odd one and explain your answer

(3X2=6)

1. Medulla oblongata, Axon, Cyton
2. Anaphylaxis, Hives, Penicillin
3. Xylem, phloem, parenchyma

V. Give reason

(3X2=6)

1. Excretion is necessary in living beings.
2. Plants respire all day and night.
3. Drinking sufficient amount of water is very important.

VI. Match the following

(6X $\frac{1}{2}$ =3)

- | | |
|------------------------------|-----------------|
| 1. Cells in the leaf | - Raw materials |
| 2. Chloroplast | - Power |
| 3. Sunlight | - Machinery |
| 4. Oxygen and water | - End product |
| 5. Carbon di oxide and water | - Byproduct |
| 6. Glucose | - Work room |

VII . Define the following

(3X1=3)

1. Neuron
2. Osmoregulation
3. Synapse

VII. Answer the following

1. What is excretion? **(1)**
2. What is the role of chlorophyll in photosynthesis? **(2)**
3. Briefly describe the structure of cerebrum. **(2)**
4. Explain the structure of a neuron. **(2)**
5. What are the two ways by which a person can get relief in case of
Kidney failure? **(2)**
6. How are the allergy causing chemical is naturally removed from the body? **(2)**

7. Mention the functions of spinal cord. (3)
 8. Explain voluntary and involuntary actions with examples. (3)
 9. Differentiate between photosynthesis and respiration. (3)
 10. Which test is mostly favoured for testing allergy, prick test or blood test? Why? (3)
 11. Draw a diagram of human excretory system and label the parts. (4)
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