**I.P.S.Sr.Sec.School**

**Max Time : 1 hr** **Class : 10th Science Max Marks : 30**

**Unit Test**

1. Multiple choice questions : [ 1 X 5 = 5]
2. Blood from superior vena cave flows into

|  |  |  |  |
| --- | --- | --- | --- |
| a) Right atrium | b) right ventricle | c) left atrium | d) left ventricle |

1. Which is the first enzyme to mix with food in the digestive tract?

|  |  |  |  |
| --- | --- | --- | --- |
| a) pepsin | b) Cellulase | c) Amylase | d) Trypsin |

1. In which part of the alimentary canal food is finally digested?

|  |  |  |  |
| --- | --- | --- | --- |
| a) Stomach | b) Mouth cavity | c) Large intestine | d) Small intestine |

1. When air is blown from mouth into a test tube containing lime water, the lime water turned milky due to the presence of

|  |  |  |  |
| --- | --- | --- | --- |
| a) Oxygen | b) Carbon dioxide | c) Nitrogen | d) Water vapour |

1. The internal (cellular) energy reserve in autotrophs is

|  |  |  |  |
| --- | --- | --- | --- |
| a) Glycogen | b) Protein | c) Starch | d) Fatty acid |

1. Explain Root pressure theory and Transpiration. [ 2 ]
2. Why are white blood corpuscles called soldiers of the body? [ 2 ]
3. Why is blood circulation in human heart called double circulation? [ 2 ]
4. Explain kidney and urethra. [ 2 ]
5. Explain blood pressure. [ 2 ]
6. Write 5 points difference between Arteries and veins. [ 3 ]
7. Explain mechanism of urine formation. [ 3 ]
8. Explain light phase and dark phase reaction. [ 3 ]
9. Draw a labelled diagram of human heart. [ 3 ]
10. Explain Blood cells. [ 3 ]