

BCM SCHOOL BASANT AVENUE, DUGRI LUDHIANA
XI BIOLOGY
ASSIGNMENT

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| 1 | <p>Identify the correct statement</p> <p>Statement 1 – Fibrinogens are absent in the plasma.</p> <p>Statement 2 – Plasma without clotting factors is known as lymph.</p> <p>Statement 3 – White blood cells are colourless.</p> <p>Statement 4 –Haemoglobin is present in leucocytes.</p> <p>a) Statement 1 and 2 are correct</p> <p>b) Statement 2 and 3 are correct</p> <p>c) Only Statement 3 is correct</p> <p>d) All of the above statements are correct</p> | |
| 2 | <p>a. Give reason – why erythrocytes are known as red blood cells?</p> <p>b. Enlist the type of Leucocytes with their categorisation.</p> <p>c. What if number of thrombocytes are drastically reduced in blood?</p> | |
| 3 | <p>_____ is iron containing complex protein present in blood</p> | |
| 4 | <p>Identify incorrect statement</p> <p>Statement 1 – The root is covered at the apex by a thimble-like structure called the root cap.</p> <p>Statement 2 – Elongation of the radicle leads to the formation of primary root.</p> <p>Statement 3 – Pneumatophores are roots come out of the ground and grow vertically upwards</p> <p>Statement 4 – Root hairs absorb water and minerals from the soil.</p> <p>a.) Only 1</p> <p>b.) Only 3</p> <p>c.) Both 2 & 3</p> <p>d.) None of the above</p> | |
| 5 | <p>Draw the floral formula & floral diagram of family solanaceae.</p> | |
| 6 | <p>Differentiate between:</p> <p>(a) Actinomorphic flower and Zygomorphic flower</p> <p>(b) Apocarpous ovary and Syncarpous ovary</p> <p>(c) Racemose inflorescence and Cymes inflorescence</p> | |
| 7 | <p>Which property of the pigment is responsible for its ability to initiate the process of photosynthesis? Why is the rate of photosynthesis higher in the red and blue regions of the spectrum of light?</p> | |
| 8 | <p>RuBisCO is an enzyme that acts both as a carboxylase and oxygenase. Why do you think RuBisCO carries out more carboxylation in C4 plants?</p> | |