

**B.Sc. 5<sup>th</sup> Sem Practical Examination, 2020**

**BBK College, Nagaon, Barpeta**

**Sub: Zoology (Major)**

**Paper-505**

**Full marks: 75**

**Time: 4 (3+1) hours**

1. Write down the principles of hypotonic, hypertonic and isotonic solutions. Write the procedure of determination of these solutions. 3 + 4 =7
2. Write the principle and procedure of determination of blood groups in human being. 4 + 4 =8
3. Write the procedure of detection of Ammonia, Urea and Glucose in urine samples. State the significance of the presence of these products in urine. 4 + 4 =8
4. Write down the procedure of counting of total RBCs from a given sample. State the significance of RBCs. 5 + 3 =8
5. Write the procedure of preparation of Hemin crystals from blood. Draw a labeled diagram of the said crystals. Write its significance. 4 + 2 +2 =8
6. Write the procedure of estimation of hemoglobin from blood group. State the significance of hemoglobin. 5 + 3 =8
7. Practical note book 8
8. Viva-voce 10
9. internal assessment 10

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