



**UNIVERSITY OF NORTH BENGAL**  
B.Sc. Honours 2nd Semester Examination, 2021

**GE2-PHYSIOLOGY**

Full Marks: 40

**ASSIGNMENT**

*The questions are of equal value.  
The figures in the margin indicate full marks.*

**Attempt any two from the following**

20×2 = 40

1. What is erythropoiesis? Describe different stages of erythropoiesis. 4+16
2. Give an account of intrinsic mechanism of blood coagulation. Briefly describe ABO system of blood group. 10+10
3. Define cardiac output. Describe various events of cardiac cycle. 5+15
4. Describe the neural and chemical control of respiration. Explain the transport of carbon dioxide in blood. What is counter current mechanism? 6+6+8

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