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B.A. RNLK-/SECA1TH/21

2021

Physiology

[Third Semester]

Paper - SECA1TH

Full Marks : 20

Time : 1 hour

*The figures in the right-hand margin indicate marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

*Illustrate the answers wherever necessary.*

1. Answer any of the five following questions : 5×2=10

- a) Define Arneth count. 2
- b) What is precipitation reaction?
- c) Why crossmatching should be done before the blood transfusion? 2

*(Turn Over)*

( 2 )

- d) What is Rh antibodies? How Rh antibodies are produced? 2
- e) Write the difference between B Thalassaemia major and B Thalassaemia minor. 2
- f) What is sickle cell anemia? 2

**2. Answer any the two of the following questions. 2×5**

- a) What is Purpura? Mention the causes of purpura. 5.
- b) What is erythropoietin? Write the factors affecting erythropoietin production. (2+3)
- c) Discuss the basis of ABO blood grouping system with its clinical significance. (3+2)