

Seat No.: _____

Enrolment No. _____

PARUL UNIVERSITY
DEPARTMENT OF PARAMEDICAL AND HEALTH SCIENCES
B.Sc, Med.Sci , April – 2023 Examination.

Year: 2

Date: 05/04/2023

Subject Code: 19106203

Time: 10:00am to 10:45am

Subject Name: MLT MOD-3 Hematology

Total Marks: 30

Instructions:

1. Attempt all questions from each section
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.

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|---|----------------------|-----------------|
| Q.1: Definition (any 5 out of 6) | (Each 1 Mark) | 05 marks |
| <ul style="list-style-type: none">(i) Define Haematology.(ii) Define Stains.(iii) Define anticoagulants.(iv) Define Haematopoiesis.(v) Normal value of ESR.(vi) MCHC Significance. | | |
| Q.2: Short question (any 5 out of 6) | (Each 2 Mark) | 10 marks |
| <ul style="list-style-type: none">(i) Define Hb, its structure & function.(ii) Write normal BT, CT value(iii) Define & classify anaemia.(iv) Write about significance of PCV.(v) Significance of Reticulocyte count.(vi) Explain Thalasemia. | | |
| Q.3: Long question (any 3 out of 4) | (Each 5 Mark) | 15 marks |
| <ul style="list-style-type: none">(i) Write about erythropoiesis in detail.(ii) Write detailed note on Packed cell volume.(iii) Write a note on sickling test.(iv) Write a note on tests for systemic lupus erythmatous | | |