

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[MBBS 0224]**

**FEBRUARY 2024**

**Sub. Code :5065**

**M.B.B.S. DEGREE EXAMINATION**

**(For the candidates admitted upto the Academic Year 2018-2019)**

**SECOND YEAR**

**PAPER V – PATHOLOGY – I**

**(GENERAL PATHOLOGY & HAEMATOLOGY)**

*Q.P. Code: 525065*

**Time: Three hours**

**Maximum : 40 Marks**

**Answer All Questions**

**I. Elaborate on:**

**(1 x 10 = 10)**

1. 38 / F presented and complaints recurrent hemarthrosis. Discuss the probable causes and classify the bleeding disorders. Discuss the lab investigation of the same.

**II. Write notes on:**

**(6 x 4 = 24)**

1. Apoptosis.
2. Fracture healing.
3. Glycogen storage disorders.
4. Thalassemia.
5. Red cell indices.
6. Embolism.

**III. Short answers on:**

**(6 x 1 = 6)**

1. Free Radicals.
2. Pathological calcification.
3. Tumour suppressor genes.
4. Barr body.
5. Causes of Thrombocytopenia.
6. Neutrophilia.

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