

# 2010 Scheme

Reg. No.: .....

## **Second Year BDS Degree Supplementary Examinations January 2025 General Pathology & Microbiology**

Time: 3 hrs

Max marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw Diagrams wherever necessary*
- *Write section A and section B in separate answer books (32 pages). Do not mix up questions from section A and section B*

**Q P Code: 201002**

**Section A – Pathology**

**Marks: 50**

### **Essay**

**(14)**

1. Define inflammation. Discuss in detail about the vascular events and cellular events of acute inflammation. Add a note on fate of inflammation (2+8+4)

### **Short essays**

**(2x8=16)**

2. Define cell injury. Discuss in detail Reversible and Irreversible cell injury. (2+6)
3. Classify bleeding disorders. Discuss Immune Thrombocytopenia Purpura (ITP) (4+4)

### **Short notes**

**(5x4=20)**

4. Any four special stains for Amyloidosis
5. Classify Hodgkin's lymphoma. Draw a diagram of Reed Sternberg (RS) cell
6. Name four precancerous lesions of oral cavity
7. Name four congenital heart diseases
8. Osteosarcoma

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**Q P Code: 202002**

**Section B – Microbiology**

**Marks: 50**

### **Essay**

**(14)**

1. Discuss the pathogenesis, clinical features and laboratory diagnosis of tuberculosis. Add a note on BCG vaccine (4+3+4+3)

### **Short essays**

**(2x8=16)**

2. Enumerate Malarial parasites. Laboratory diagnosis of falciparum malaria (2+6)
3. Write the risk factors, clinical features and laboratory diagnosis of oral candidiasis. (2+2+4)

### **Short notes**

**(5x4=20)**

4. Methicillin Resistant Staphylococcus aureus
5. Modes of transmission of HIV
6. Define autoimmunity. Give two examples for autoimmune diseases.
7. Hot air oven
8. Prophylaxis of polio

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