

**Third Professional B.S.M.S Degree Supplementary Examinations  
March 2018**

**Noi Naadal Paper II**

**(2013 Scheme)**

- Answer all the questions
- Draw diagrams wherever necessary

**Time: 3hrs**

**Max. Marks: 100**

**Essay:**

**(2x10=20)**

1. Discuss about cellular adaptations in detail.
2. Explain the complications of diabetes mellitus and their pathogenesis

**Short Notes:**

**(10x5=50)**

3. Necrosis
4. Role of HLA system
5. Type I hypersensitivity reaction
6. Pathogens of edema
7. Mantoux test
8. Factors influencing healing
9. Plague
10. Structural abnormalities of chromosomes
11. Pernicious anemia
12. Bilirubin metabolism

**Answer briefly:**

**(10x3=30)**

13. In situ hybridization
14. Ochronosis
15. Reiter's syndrome
16. Embolism
17. Cat scratch disease
18. Wernicke Korsakoff's syndrome
19. Schilling test
20. Polycythemia vera
21. Felty's syndrome
22. Molecular pathology

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