

QP Code: 401020

Reg. No.....

**Fourth Year B.Sc. Medical Biochemistry Degree Regular/Supplementary
Examinations August 2019**

Immunology and Immunochemistry

Time: 3 Hours

Total Marks: 80

- **Answer all questions**
- **Draw diagrams wherever necessary**

Essays

(2x15=30)

1. Describe ABO blood group system. Add a note on haemolytic disease of new born.(10+5)
2. Describe the mechanism of cell mediated and humoral immune response

Short Notes

(6x5=30)

3. Major histocompatibility complex
4. Agglutination reactions
5. Classical pathway of complement system
6. Autoimmunity
7. Tumour markers
8. AIDS

Answer Briefly

(10x2=20)

9. Natural immunity
10. Determinants of antigenicity
11. Allograft rejection
12. Oncogenes
13. Rh blood group system
14. Adjuvants
15. Immunodiffusion
16. Immunoglobulin E
17. Epitope
18. Sources of infection
