

**QP Code: 401020**

**Reg. No.....**

**Fourth Year B.Sc. Medical Biochemistry Degree Examinations  
August 2018  
Immunology and Immunochemistry**

**Time: 3 Hours**

**Total Marks: 80**

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

**Essays**

**(2x15=30)**

1. Describe source, methods of transmission and route of infection.
2. Describe classification and basic mechanism of hypersensitivity

**Short Notes**

**(6x5=30)**

3. Radio immunoassay
4. Biological effects of complements
5. Haemolytic disease of new-born.
6. Autoimmunity
7. Vaccines
8. Allograft rejection

**Answer Briefly**

**(10x2=20)**

9. Epitopes
10. Immunoglobulin G
11. Rh immunization
12. Immunoelectrophoresis
13. AIDS
14. Haptens
15. Monoclonal antibodies
16. Lymphocytes
17. Phagocytosis
18. Agglutination reactions

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