

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

MSc DEGREE EXAMINATION MAY 2018  
(Second Semester)

Branch –ZOOLOGY

IMMUNOLOGY

Time: Three Hours

Maximum: 75 Marks

Answer ALL questions  
ALL questions carry EQUAL Marks (5 x 15 = 75)

- 1 a Write a detailed account on phagocytic cells and polymorpho nuclear neutrophils.  
OR  
b Explain the following :  
(i) Mononuclear phagocytes  
(ii) Eosinophils and lymphocytes
- 2 a Describe the structure, isotypes and biological functions of immunoglobulins.  
OR  
b Explain in detail Synthesis of immunoglobulin and disorders of immunoglobulin synthesis.
- 3 a Write about the detection of Antigen-Antibody reaction.  
OR  
b Highlight the applications of Antigen-Antibody reaction.
- 4 a Discuss elaborately the Antigen-antibody interaction and immunodiagnosics.  
OR  
b Write an essay on Antigen processing and presentation.
- 5 a Give a detailed account on transplantation immunology.  
OR  
b Explain the following :  
(i) Hypersensitivity reaction (ii) Complements

Z-Z-Z

END