

**D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE – 1**  
**SEMESTER EXAMINATIONS**  
**NOVEMBER – 2016**  
**IMMUNOLOGY**

15CPMB1B

Time: 3 Hrs

Max. Marks: 75

**SECTION – A (5 X 6 =30)**

Answer ALL the questions.

1. a) Discuss about the acquired immunity.  
(Or)  
b) Give an account on the blood group and blood transfusion.
  
2. a) Write about the biological function of complement system.  
(Or)  
b) Give an account on the general properties of cytokines.
  
3. a) Describe the types of agglutination reactions.  
(Or)  
b) Explain the types of ELISA.
  
4. a) Explain about Grave's disease.  
(Or)  
b) Explain about Goodpasteur's syndrome.
  
5. a) Explain the immune response to tumor antigen.  
(Or)  
b) Describe about the graft versus host reaction.

**SECTION – B (3 X 15 =45)**

Answer any THREE of the following questions.

6. List the primary lymphoid organs and summarize their functions in the immune system.
7. Explain the structure of class I and class II MHC molecules.
8. Explain about the complement fixation test.
9. Give a detailed note on SLE.
10. Define vaccine. What are the types of vaccines available to immunize the host?

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