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D.K.M.COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1

SEMESTER EXAMINATIONS

NOVEMBER - 2016

15CPBC3C

IMMUNOLOGY

Time : 3 Hrs

Max.Marks : 75

SECTION-A (5x 6 =30)

Answer ALL the questions.

1. (a) Explain the factors influencing antigenicity.
(Or)
(b) Complement activation pathways.
2. (a) Primary and Secondary Immune response.
(Or)
(b) Discuss on innate immunity.
3. (a) Monoclonal antibodies production.
(Or)
(b) Explain
 - (i) Live attenuated vaccine
 - (ii) Killed vaccine
 - (iii) Toxoids
4. (a) MHC.
(Or)
(b) Brief an account on clonal selection theory.
5. (a) Write an essay on organ specific autoimmune diseases.
(Or)
(b) Explain the mechanism of type I hypersensitivity reaction.

SECTION-B (3x15 =45)

Answer any THREE of the following questions.

6. Give the classification and structure of antibodies.
7. Write a note on primary immunodeficiency disorder.
8. Give the technique and applications of ELISA and immunoblotting.
9. Discuss graft Vs Host reaction.
10. Explain
 - (a) Tumor specific antigens
 - (b) Cancer immunotherapy.

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