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

APRIL– 2019

15CMB6A

MEDICAL VIROLOGY

Time : 3 Hrs.

Max.Marks : 75

SECTION–A(10 x 2 =20)

Answer ALL the questions.

Define / Explain for the following:

1. Capsid.
2. ds DNA virus.
3. Plaques.
4. CAM.
5. Variola.
6. HBsAg.
7. MMR.
8. Retrovirus.
9. Acyclovir.
10. IFN.

SECTION–B(5 x 5 =25)

Answer any FIVE of the following questions.

11. Write short notes on viroids.
12. Give a detailed account on prions.
13. What are the serological markers of Hepatitis B virus?
14. Describe the laboratory methods in diagnosis of viral infections.
15. Give a note on replication, clinical features and diagnosis of small pox virus.
16. Discuss the pathogenesis of poliomyelitis.
17. State about arthropod borne viral diseases.
18. Give detailed account on recombinant viral vaccine.

SECTION–C(3 x 10 =30)

Answer ALL the questions.

19. (a) Give an account of the classification of viruses.

(Or)

- (b) Explain the cultivation methods of viruses.

20. (a) Elaborate clinical syndromes and lab diagnosis of Adeno virus.

(Or)

(b) Describe the antigenic structure, replication, mode of transmission and prevention of HIV infection.

21. (a) Explain morphology, replication, clinical features, diagnosis and prophylaxis of Rabies.

(Or)

- (b) Elaborate antiviral drugs with mode of actions.

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