

**GS-358**

VI Semester B.Sc. Examination, May/June 2019

**MICROBIOLOGY-VII****Immunology and Medical Microbiology****CBCS-Fresh/Repeaters**

(CBCS-2016-17 &amp; Onwards/NS-2013-14 &amp; Onwards)

Time : 3 Hours

Max. Marks : 70

**Instructions to Candidates :**

- (1) Answer **all** sections
- (2) Draw diagram wherever necessary.

**SECTION - A****I.** Answer the following :**5x2=10**

1. VDRL
2. MHC
3. Complement fixation test
4. Lock Jaw
5. *Entamoeba histolytica*

**SECTION - B****II.** Answer **any four** of the following :**4x5=20**

6. Explain structure and significance of IgG.
7. Give an account on microbial flora of human body.
8. Describe the mechanism of Innate Immunity.
9. Give an account on Candidiasis.
10. Describe killed vaccines.

**P.T.O.**



## SECTION - C

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 3x10=30

 III. Answer **any three** of the following :

11. Discuss the etiology, pathogenesis, symptoms, diagnosis and treatment of HIV.
12. Give an account of cells and organs involved in immune response.
13. Discuss AMI. Add a note on immunological memory and tolerance.
14. Discuss the various types of hypersensitivity.
15. Explain in detail the factors responsible for microbial pathogenesis.

## SECTION - D

 IV. Answer in **one** sentence :

10x1=10

16. BCG
17. Koch's bacilli
18. *Staphylococcus epidermidis*
19. Rifamycin
20. Gastroenteritis
21. Adjuvants
22. RIA
23. Monoclonal antibody
24. Passive immunity
25. Nosocomial infection

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