

**PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)**

**BSc DEGREE EXAMINATION MAY 2017
(Fifth Semester)**

Branch- **MICROBIOLOGY**

MEDICAL MICROBIOLOGY

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** marks (10 x 2 = 20)

- 1 Camp test.
- 2 Virulent factor.
- 3 Crypto coccosis.
- 4 Toxigenicity.
- 5 DPT.
- 6 Pharyngifis.
- 7 AFB staining.
- 8 MMR.
- 9 Polio vaccine.
- 10 Differential media.

SECTION - B (25 Marks)

Answer **ALL** Questions

ALL Questions Carry **EQUAL** Marks (5 x 5 = 25) .

- 11 a Give an account on the clinical symptoms and treatment of staphylococcus aureus.
OR
b Give brief note on Aspergilliosis.
- 12 a Give brief account of clinical symptoms, diagnosis and treatment of influenza viral infection.
OR
b Explain the life cycle of Ascaris lumbricoides with neat sketch.
- 13 a Give a detailed account on collection and processing of pus and wound exudate for microbial examination.
OR
b Explain the clinical features of coccidioidomycosis and treatment.
- 14 a Draw and explain the structure of poliovirus and note on prevention and diagnosis.
OR
b Write brief note on disease caused by Cryptococcus.
- 15 a Explain the pathogen city and clinical feature of shigella species.
OR
b Write an account on subcutaneous infection.

SECTION - C (30 Marks)

Answer any **THREE** Questions

ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)

- 16 Describe any two viral diseases of man and its control.
- 17 Outline the symptoms, diagnosis and treatment of histoplasmosis.
- 18 Describe the morphology, pathogenesis clinical feature and diagnosis of group 'A' streptococcus.
- 19 Give a detailed account on Morphology life cycle, clinical symptoms and lab diagnosis for plasmodium vivax.
- 20 How to process and collect fungal sample from infected, nail, hair and stress? And add note on diagnostic method.