

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION DECEMBER 2019
(Fifth Semester)

Branch - **MICROBIOLOGY**

MEDICAL MICROBIOLOGY

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks!)

Answer **ALL** questions

ALL questions carry **EQUAL** marks (10x2 = 20)

Write short note on the following:

- 1 MRSA.
- 2 Enteric fever.
- 3 Athlete's foot.
- 4 Oral thrush.
- 5 Jaundice.
- 6 Hydrophobia.
- 7 Amoebiasis.
- 8 Malaria.
- 9 Early morning sputum.
- 10 MSU.

SECTION - B (25 Marks!)

Answer **ALL** Questions

ALL Questions Carry **EQUAL** Marks (5x5 = 25)

- 11 a Explain the pathogenicity and laboratory diagnosis of *Klebsiella pneumoniae*.
OR
b Write a note on variation of *Salmonella* antigens.
- 12 a Discuss the classification of medically important fungi.
OR
b Give a note on Candidiasis.
- 13 a Explain the pathogenicity, laboratory diagnosis and treatment of *Hepatitis B* virus.
OR
b List out the pathogenicity, laboratory diagnosis and treatment of *Rabies* virus.
- 14 a Give the pathogenicity and laboratory diagnosis of *Entamoeba histolytica*.
OR
b Discuss the pathogenicity and laboratory diagnosis of *Wuchereria bancrofti*.
- 15 a Write a note on collection and microbiological examination of urine.
OR
b Examine the collection and microbiological examination of CSF.

SECTION - C (30 Marks)

Answer any **THREE** Questions

ALL Questions Carry **EQUAL** Marks (3x10 = 30)

- 16 Describe the pathogenicity, laboratory diagnosis and treatment of *Vibrio cholera*.
- 17 Explain the histoplasmosis.
- 18 Analyze the morphology, pathogenicity, laboratory diagnosis and treatment of *AIDS* virus
- 19 Write the life cycle, pathogenicity and laboratory diagnosis of *Plasmodium vivax*.
- 20 **Describe** the enllertinn anr? minml-*ir>lr\rrir'cil ovaminotinn rvf