

26023687



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Reg. No.....

Name.....

**M.Sc. MICROBIOLOGY DEGREE (C.S.S.) EXAMINATION, MAY 2026**

**Fourth Semester**

**MB4PG11—SYSTEMATIC BACTERIOLOGY**

(2018 Admissions—Second Mercy Chance/2017 Admissions—Final Mercy Chance/  
2016 Admissions—Last and Final Special Mercy Chance)

Time : Three Hours

Maximum Weight : 30

I. Write short notes on any *five* questions. Weight 1 each :

- 1 Phylogenetic nomenclature.
- 2 LTRR.
- 3 Coccobacillus.
- 4 Clot.
- 5 Lesion.
- 6 Chancre.
- 7 Bacteriology.
- 8 VT.

(5 × 1 = 5)

II. Write Short essay on any *five* questions. Weight 2 each :

- 9 Write the Applications of phylogenetics.
- 10 Give notes on HACEK group bacteria.
- 11 Write notes on satellitism.
- 12 Describe syphilis.
- 13 Write in brief about the genus *Ehrlichia*.

**Turn over**





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- 14 Write in brief about *Helicobacter pylori*.
- 15 Scrub typhus in brief.
- 16 Describe in short about *Moraxella*.

(5 × 2 = 10)

III. Answer any *three* in detail. Weight 5 each :

- 17 Explain *E.coli*.
- 18 Explain enteric fever.
- 19 Describe in detail about the lab diagnosis of *Corynebacterium*.
- 20 Explain the classification and pathogenicity of *streptococcus pneumoniae*.
- 21 Give an account on lab diagnosis of *staphylococcus*.
- 22 Explain DNA sequencing.

(3 × 5 = 15)

