

28 OCT 2025

26642

SEAT NO. _____

**SECOND PROFESSIONAL B.H.M.S. EXAMINATION
PATHOLOGY AND MICROBIOLOGY PAPER - II
SUBJECT CODE: HOM UG-PATH-M**

TIME: 3 HOURS**TOTAL MARKS: 100**

INSTRUCTIONS: 1. ATTEMPT ALL THE QUESTIONS.
2. DRAW DIAGRAMS WHEREVER NECESSARY.
3. FIGURES IN RIGHT INDICATES FULL MARKS

Q - 1 Multiple Choice Questions.**10****1) Which Can not be considered in types of culture media.**

- | | |
|---------------------|-----------------|
| A. solid media | B. Gel media |
| C. Semi solid media | D. Liquid media |

2) SSSS caused by_____.

- | | |
|--------------------------|--------------------------|
| A. Staphylococcus aureus | B. Streptococcus Pyogens |
| C. Pneumococci | D. Vibrio cholerae |

3) Vaginal infection caused by_____.

- | | |
|----------------------------|--------------------------|
| A. Echinococcus Granulosus | B. Trichomonas vaginalis |
| C. Toxoplasma Gondi | D. Loa Loa |

4) Example of Smallest virus?

- | | |
|----------------|-----------------|
| A. Parvo virus | B. Herpes virus |
| C. HIV | D. Chicken pox |

5) Montoux test is done for_____.

- | | |
|--------------------------|--------------------|
| A. Salmonella typhi | B. MTB |
| C. Staphylococcus aureus | D. Vibrio cholerae |

6) Dysentary caused by.

- | | |
|--------------------------|--------------------|
| A. Vibrio Cholerae | B. Shigella |
| C. Staphylococcus aureus | D. Anthrax bacilli |

7) Bullet shaped virus.

- | | |
|-----------------|-----------------|
| A. Polio virus | B. Herpes Virus |
| C. Rabies Virus | D. HIV |

8) Which is RNA virus among these 4?

- | | |
|--------------------|-----------------|
| A. Hepatitis virus | B. Pox virus |
| C. Adeno virus | D. Rabies virus |

9) Example of opportunistic mycoses?

- | | |
|------------------|------------------|
| A. Aspergillosis | B. Molds |
| C. Microorganism | D. Picorna virus |

10) Parasitic infection causing anaemia.

- | | |
|----------------------------|--------------------------|
| A. Giardia lamblia | B. Ascaris lumbricoids |
| C. Echinococcus granulosus | D. Trichomonas vaginalis |

Q - 2 Short Answer Questions

40

- 1) Flagella
- 2) Culture media
- 3) Pathogenesis of *Clostridium Diptherae*
- 4) *Giardia Lamblia*
- 5) Lab Diagnosis of *Shigella*
- 6) Anthracis
- 7) Influenza virus
- 8) *Wuchereria Bancrofti*

Q - 3 Long Answer Questions

50

- 1) Define morphology, cultural characteristics and pathogenesis of *Staphylococcus Aureus*.
- 2) Explain morphology, life cycle, pathogenesis, investigation of *Trichomonas Vaginalis*.
- 3) Explain in detail MTB.
- 4) Define morphology, cultural characteristics and pathogenesis of *Neisseria Gonorrhea*.
- 5) Explain morphology, life cycle, pathogenesis, investigation of *Ankylostoma duodenale*.