

26642

**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.**

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- 1) **Broth referred to which media?**

A. Solid media	B. liquid media
C. Semi solid media	D. None
- 2) **Example of spore forming micro organism?**

A. Bacillus Anthracis	B. MTB
C. Pneumococci	D. Vibrio cholerae
- 3) **Micro organism which is not included in respiratory affection?**

A. MTB	B. C. Botulinum
C. Pneumococci	D. Coryne Diphtherae
- 4) **Quellung reaction seen in \_\_\_\_\_.**

A. MTB	B. C. Botulinum
C. Pneumococci	D. Coryne Diphtherae
- 5) **Schizont form seen in \_\_\_\_\_.**

A. E. Histolytica	B. Ascaris Lumbricoids
C. Plasmodium species	D. Trichomonas Vaginalis
- 6) **Dum Dum fever caused by \_\_\_\_\_.**

A. Trichomonas Vaginalis	B. Giardia Lamblia
C. L. Donovanii	D. Toxoplasma Gondi
- 7) **Mycolic acid in cell wall is property of \_\_\_\_\_.**

A. Spirochaetes	B. N. Meningitidis
C. MTB	D. Pneumococci
- 8) **Owl's eye appearance seen in pathogenesis of \_\_\_\_\_.**

A. Cytomegalo virus	B. Measles
C. Herpes virus	D. Rabies virus
- 9) **Haemorrhagic fever with low platelet count seen in \_\_\_\_\_.**

A. Dengue	B. Chicken Guniya
C. Covid 19	D. Typhoid
- 10) **Lymphatic filariasis is caused by \_\_\_\_\_.**

A. W. Bancrofti	C. Ascaris lumbricoids
B. Enterobius Vermicularis	D. Loa Loa

**Q – 2 Short Answer Questions**

40

- 1) Bacterial Spore
- 2) Pasteurization
- 3) Sources of infection
- 4) Life cycle of Giardia Lamblia
- 5) Neisseria Gonorrhoea -Morphology, Pathogenesis & lab diagnosis.
- 6) MTB- Pathogenesis & Lab diagnosis
- 7) Morphology, Mode of transmission and pathogenesis of Influenza virus.
- 8) Describe difference between T. Saginata & T. Solium.

**Q – 3 Long Answer Questions**

50

- 1) Explain the morphology, pathogenesis, clinical manifestation & lab diagnosis of C.Tetani.
- 2) Explain the life cycle of one plasmodium species with pathogenesis, clinical features and lab diagnosis.
- 3) Neisseria Gonorrhoea - Morphology, Pathogenesis and laboratory diagnosis.
- 4) Measles – Morphology, Pathogenesis, clinical features, complications and lab diagnosis.
- 5) Ascaris Lumbricoids- Morphology, Life cycle, pathogenicity, clinical features and lab diagnosis.

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