

VEER NARMAD SOUTH GUJARAT UNIVERSITY
EXAMINATION MARCH- 2026
BHMS (CBDC) SEMESTER II
SUBJECT CODE: 2507000302040802
PATHOLOGY AND MICROBIOLOGY PAPER – 2
HOMUG-PATH M



Time: 3 Hrs
Total Marks: 100

Q-1 MCQ :-

(10x1=10)

1. _____ are thin and help in attachment and colonization.
(a) Fimbriae
(b) sex pilli
(c) Capsule
(d) Integrase
2. Which is an enriched medium?
(a) Selenite of broth
(b) Peptone water
(c) Chocolate agar
(d) MacConkey's agar
3. The mode of Transmission of Clostridium tetani is through –
(a) Contaminated water
(b) Direct contact
(c) Deep punctured wounds contaminated with soil
(d) Contaminated Inanimate objects
4. Staphylococcus does not cause –
(a) Abscess
(b) Scarlet fever
(c) Bronchopneumonia
(d) Osteomyelitis
5. The common Clinical feature of visceral Leishmaniasis is –
(a) Conjunctivitis
(b) Cardiomegaly
(c) Haematuria
(d) Hepatosplenomegaly
6. Which of the following is an example of Retrovirus?
(a) Influenza virus
(b) Adenovirus
(c) HIV
(d) Herpes simplex virus
7. Mycobacterium leprae primarily affects –
(a) Heart
(b) Skin and peripheral nerves

- (c) Gastrointestinal tract
 - (d) Genitourinary system
8. Hepatitis B is not transmitted by:
- (a) Faeco-oral route
 - (b) blood transfusion
 - (c) Congenital transmission
 - (d) Sexual contact
9. Which is RNA virus among these four?
- (a) Epstein barr virus
 - (b) Hepatitis virus
 - (c) Herpes virus
 - (d) Rabies virus
10. Candidiasis is caused by _____
- (a) Bacteria
 - (b) Virus
 - (c) Parasite
 - (d) Fungi

Q-2 SAQ:-

(8x5=40)

1. Define sterilisation. Describe moist heat Sterilisation.
2. Discuss various staining methods of bacteria and write down steps of Acid-fast staining.
3. Explain clinical features and complications of Corynebacterium Diphtheriae.
4. Write down pathogenesis and clinical features of Malaria.
5. Describe morphology and pathogenesis of Vibrio cholerae.
6. Discuss pathogenesis of Primary Tuberculosis.
7. Write down clinical manifestation and complication of chickenpox.
8. Discuss morphology and lifecycle of Echinococcus granulosus.

Q-3 LAQ:-

(10x5=50)

1. Classify Streptococci. Explain pathogenesis and Infection produced by streptococcus pyogenes.
2. Describe pathogenesis and clinical manifestation of Entamoeba histolytica.
3. Discuss the pathogenesis, clinical features and laboratory diagnosis of Salmonella typhi.
4. Write down pathogenesis and clinical classification of Dengue.
5. Explain in detail about Pathogenicity and clinical features of Ankylostoma duodenale.