

PARAMEDICAL BOARD, BENGALURU  
ANNUAL EXAMINATION, AUGUST 2019

III YEAR DIPLOMA IN  
MEDICAL LABORATORY TECHNOLOGY (DMLT)

TIME: 3 HRS

(RS -2 SCHEME)

MAX. MARKS: 100

QP CODE: 6105, MICROBIOLOGY

I. WRITE SHORT NOTES- ANSWER ANY EIGHT

8X5=40

1. Laboratory diagnosis of pulmonary tuberculosis
2. Laboratory diagnosis of Enteric fever
3. Laboratory diagnosis of Candida infection.
4. Life cycle of *Ascaris lumbricoides*
5. Biomedical waste segregation and disposal
6. Laboratory diagnosis of Cryptococcosis
7. VDRL test
8. Laboratory diagnosis of HIV infection
9. Coagulase test
10. Write in brief about collection and processing of urine sample for culture

II. SHORT ANSWERS

20X3=60

11. Tyndallisation.
12. Immunisation of Tetanus
13. Infections caused by Staphylococcus Aureus.
14. Z-N Staining.
15. Kirby-Bauer Disc Diffusion Test.
16. Universal precautions
17. India Ink Preparation.
18. Lepromin Test
19. Name any three species of Aspergillus.
20. Draw a neat labelled diagram of Hepatitis B Virus.
21. Modes of Transmission of HIV Infection.
22. Hydatid Cyst.
23. Classification of Vibrio Cholerae
24. Sterilisation Controls for Autoclave.
25. ELISA Test.
26. ASLO Test.
27. Universal Precautions.
28. Species of Plasmodium.
29. Elek's Gel Precipitation.
30. Draw a neat labelled diagram of Egg of Enterobius Vermicularis.

VIDYA INSTITUTE OF PARA MEDICAL SCIENCES  
(College Code - 342)  
Mysore Road, Malavalli - 571430, Mandya Dist.

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KARNATAKA NURSING & PARAMEDICAL SCIENCES EDUCATION (REGULATION) AUTHORITY  
PARAMEDICAL BOARD, BENGALURU  
SUPPLEMENTARY EXAMINATION, JANUARY 2020  
III YEAR DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY (DMLT)  
QP CODE: 6105, MICROBIOLOGY (RS -2 SCHEME)  
(WRITE IN GREEN ANSWER BOOK)

TIME: 3 HRS

MAX. MARKS: 100

I. SHORT NOTES- ANSWER ANY EIGHT

8X5=40

1. Laboratory diagnosis of Entamoeba histolytica.
2. Pathogenesis of Vibrio cholera.
3. Life cycle of Ascaris lumbricoides.
4. Bacterial cell wall.
5. Widal test.
6. Serological markers of Hepatitis B virus infection.
7. Laboratory diagnosis of Candida infection.
8. Classification of streptococci.
9. Laboratory diagnosis of tuberculosis.
10. Antibiotic susceptibility testing.

II. SHORT ANSWERS

20×3=60

11. Tyndallisation.
12. Immunisation of tetanus
13. Infections caused by Staphylococcus aureus.
14. Z-N staining.
15. Kirby-bauer disc diffusion test.
16. Coagulase test.
17. India ink preparation.
18. Lepromin test
19. Name any three species of Aspergillus.
20. Hepatitis B vaccine.
21. Modes of transmission of HIV infection.
22. Hydatid cyst.
23. BCG vaccine
24. Sterilisation controls for autoclave.
25. ELISA test.
26. ASLO test.
27. Universal precautions.
28. Species of Plasmodium.
29. Elek's gel precipitation.
30. Draw a neat labelled diagram of egg of Enterobius vermicularis.

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KARNATAKA NURSING & PARAMEDICAL SCIENCES EDUCATION (REGULATION) AUTHORITY  
PARAMEDICAL BOARD, BENGALURU  
ANNUAL EXAMINATION, NOVEMBER 2020  
III YEAR DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY

(DMLT)

TIME: 3 Hrs

(RS -2 SCHEME)

MAX. MARKS: 100

QP CODE: 6105, MICROBIOLOGY (WRITE IN GREEN ANSWER BOOK)

SHORT NOTES: ANSWER ANY EIGHT

8x5=40

- 1 Laboratory diagnosis of enteric fever
- 2 Pathogenesis of candidiasis
- 3 Pathogenesis of pulmonary tuberculosis
- 4 Pathogenesis of diphtheria
- 5 Write about preparation of antibiotic sensitivity discs
- 6 Widal test
- 7 Preservation methods of bacterial stock cultures
- 8 Write about universal precautions in laboratory
- 9 Life cycle of Entamoeba histolytica
- 10 Biomedical waste management methods

SHORT ANSWERS

20 x3=60

- 11 Preservation of urine sample
- 12 Inoculation methods
- 13 RA test
- 14 Uses of VDRL test
- 15 Mantoux test
- 16 Sample rejection criteria for blood samples
- 17 Importance of hand hygiene in infection control
- 18 Infections caused by aspergillus
- 19 Cryptococcus
- 20 Complications of Entamoeba histolytica infection
- 21 Pathogenesis of ascaris(round worm) infection
- 22 Weil Felix test
- 23 Write three modes of transmission of HIV infection
- 24 BCG vaccine
- 25 Vaccines for typhoid fever
- 26 Name three infections caused by Escherichia coli
- 27 Brucella agglutination test
- 28 Interpretation of Widal test
- 29 Giardia lamblia
- 30 QBC test

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PARAMEDICAL BOARD, BENGALURU  
SUPPLEMENTARY EXAMINATION, JULY 2021

III YEAR DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY  
(DMLT)

TIME: 3 Hrs

(RS -2 SCHEME)

MAX. MARKS: 100

QP CODE: 6105, MICROBIOLOGY (WRITE IN GREEN ANSWER BOOK)

SHORT NOTES: ANSWER ANY EIGHT

8x5=40

- 1 Discuss laboratory diagnosis of pulmonary tuberculosis
- 2 Enumerate the organisms causing meningitis? Add a note on lab diagnosis of bacterial meningitis.
- 3 Stool examination
- 4 Write a note on universal precautions in the laboratory
- 5 Candidiasis
- 6 WIDAL test
- 7 Laboratory diagnosis of Hepatitis B virus
- 8 VDRL test
- 9 Antibiotic resistance
- 10 Enumerate malarial parasites. Add a note on its lab diagnosis

SHORT ANSWERS

20 x3=60

- 11 Coagulase test
- 12 Negative staining
- 13 Hepatitis B viral markers
- 14 ASLO test
- 15 Blood culture bottles
- 16 Draw a neat diagram of HIV
- 17 L J media
- 18 Oxidase reagent
- 19 ELISA
- 20 Bile stained ova in stool
- 21 SDA
- 22 BCG vaccine
- 23 RA test
- 24 Black water fever
- 25 Haemolysins
- 26 Albert stain
- 27 Name three acid fast organisms.
- 28 C Reactive protein
- 29 Name four culture media for Vibrio Cholera
- 30 Gas gangrene

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PARAMEDICAL BOARD, BENGALURU  
ANNUAL EXAMINATION, NOVEMBER 2021

III YEAR DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY  
(DMLT)

TIME: 3 Hrs

(RS -2 SCHEME)

MAX. MARKS: 100

QP CODE: 6105, MICROBIOLOGY (WRITE IN GREEN ANSWER BOOK)

SHORT NOTES: ANSWER ANY EIGHT

8x5=40

- 1 Lab diagnosis of diphtheria
- 2 Pathogenesis of Vibrio cholerae
- 3 Universal precautions for infection control
- 4 Antibiotic susceptibility test
- 5 Classification of streptococci
- 6 Bacterial cell wall
- 7 Pathogenesis of HIV
- 8 Widal test
- 9 Stool examination for parasites
- 10 Life cycle of Ascaris Lumbricoides

SHORT ANSWERS

20 x3=60

- 11 Preparation of antibiotic discs
- 12 Management of biomedical wastes
- 13 Principle and uses of ELISA test
- 14 Hand hygiene to prevent infection
- 15 Prophylaxis for enteric fever
- 16 Name any three species of Aspergillus
- 17 Modes of transmission of HIV
- 18 Sterilization control for hot air oven
- 19 Bile solubility test
- 20 Infections caused by staphylococcus aureus
- 21 Hydatid cyst
- 22 Latex agglutination test
- 23 Universal precautions
- 24 Enumerate fungal staining techniques
- 25 Mention the methods for diagnosis of Covid -19
- 26 Species of plasmodium
- 27 Hepatitis B vaccines
- 28 Immunisation of tetanus
- 29 Tyndallisation
- 30 RPR test

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