

**DMLT/DMRT EXAMINATION BOARD, ODISHA**  
**FIRST D.M.R.T (ANNUAL EXAMINATION) 2020**  
**QUESTIONS (PAPER –II)**

(Use Separate Answer Book for Part-A and Part-B)

Time: 3 Hours

ANSWER ALL QUESTIONS

Full Marks: 100

PART-A

**(Health, Disease, and Environment =50 Marks)**

**Q.1 Write Short notes on –Any eight (5X8=40)**

- a) Personal protective equipment.
- b) Functions of Primary Health centre (PHC).
- c) Segregation of hospital wastes.
- d) Radiation hazards.
- e) Occupational diseases.
- f) Non-Communicable diseases.
- g) Preventive measures of COVID-19 infection.
- h) Hospital acquired infection.
- i) First Aid.
- j) Role of immunity in prevention of Disease.
- k) Ecological changes of the environment.

**Q.2 Fill in the blanks. (1X10=10)**

- a) COVID -19 is caused by \_\_\_\_\_.
- b) Example of an air borne disease is \_\_\_\_\_.
- c) \_\_\_\_\_ No. of bones are present in our body.
- d) \_\_\_\_\_ system gives shapes to the body.
- e) Energy giving food are called \_\_\_\_\_ food.
- f) Anaemia is caused due to loss of \_\_\_\_\_.
- g) Goitre disorder is caused by deficiency of \_\_\_\_\_.
- h) ORS Stands for \_\_\_\_\_.
- i) Immunization is a \_\_\_\_\_ level of prevention.
- j) Pandemic means when the disease spreads \_\_\_\_\_.

## PART-B

(Human Physiology with related Pathology and Microbiology=50 Marks)

**Q.1 Write Short notes on –Any eight (5X8=40)**

- a) Draw a picture of Neutrophil and write its role in infection.
- b) Neoplasia.
- c) Use of Disinfectants in laboratory.
- d) Difference between sterilisation and disinfection.
- e) Disposal of biomedical waste.
- f) Specific features of pulmonary circulation.
- g) Mechanism of bleeding and clotting time .
- h) Haemostasis.
- i) Asepsis.
- j) Laboratory diagnosis of sexually transmitted infection (STD).
- k) Cardiac output.

**Q.2 Fill in the blanks. (1X10=10)**

- a) Filariasis is caused by \_\_\_\_\_.
- b) Beriberi is caused by the deficiency of \_\_\_\_\_.
- c) Insulin deficiency causes \_\_\_\_\_.
- d) HIV Infection is diagnosed by \_\_\_\_\_ test.
- e) Glass articles are sterilised by \_\_\_\_\_.
- f) The organelle helps for respiration present in an animal cell is \_\_\_\_\_.
- g) Example of one spore bearing bacteria is \_\_\_\_\_.
- h) Metastasis is seen in \_\_\_\_\_ variety of tumour.
- i) TAB Vaccine is useful against \_\_\_\_\_.
- j) Example of a DNA virus is \_\_\_\_\_.