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BACHELOR OF PHYSIOTHERAPY (B. P. T.)
EXAMINATION : JANUARY - 2026
SECOND YEAR

A

Subject: Pathology and Microbiology (BPT- 21201)

Date: 20/01/2026

Total Marks: 80

Time: 2.00 am To 5.00 pm

SECTION – A
Pathology

Q.1 Answer the following questions in short (Any five) (35)

- a. Healing Of Fracture By Secondary Union.
- b. Discuss Peptic Ulcer Disease.
- c. Osteomyelitis.
- d. Define Pneumonia And Discuss Lobar Pneumonia In Detail.
- e. Vitamin C Deficiency.
- f. Myaesthesia Gravis.

Q.2 Answer the following questions (Any One) (15)

- a. Define Neoplasia. Describe difference between benign and malignant neoplasms Add a note on metastasis.
- b. Define oedema. Briefly describe the etiological types. Write difference between transudate and exudate

SECTION – B
Microbiology

Q.3 Answer the following questions in short. (Any three) (15)

- a. Enumerate Opportunistic Fungi. Discuss Pathogenicity And Lab Diagnosis Of Candidiasis.
- b. Describe General Properties Of Viruses. Also Add A Note On Cultivation Of Viruses.
- c. Discuss Clinical Manifestations And Lab Diagnosis Of Typhoid Fever.
- d. Enumerate Gram Positive Cocci. Discuss Suppurative And Non-Suppurative Infections Caused By Streptococcus pyogenes.

Q.4 Answer the following questions in detail (Any one) (15)

- a. Define Hospital Acquired Infections (HAI). Discuss Sources, Routes Of Transmission, Etiology And Prevention Of HAI.
- b. Describe Life Cycle, Pathogenicity And Lab Diagnosis Of Plasmodium Falciparum. Add A Note On Prevention Of Malaria.
