



RAN-2106000302010002

Second Year Bachelor of Physiotherapy Examination September - 2025 Pathology and Microbiology (New)

Time: 3 Hours]

[Total Marks: 80

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book

Seat No.:

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Student's Signature

SECTION - 1

- Q. 1. A.** Classify pneumonia. Describe morphology, complications and laboratory diagnosis of lobar pneumonia. (10)
- OR**
- Q. 1. B.** Classify tumors of thyroid gland. Write in detail about papillary carcinoma of thyroid. (10)
- Q. 2. Write Short Notes (Any Three)** (03×05=15)
- Chronic venous congestion of lung
 - Morphological changes in Myocardial infarction
 - Squamous cell carcinoma of skin
 - Wilms tumor
- Q. 3. Write Short Notes (Any Five)** (05×03=15)
- Granulomatous inflammation
 - Septicemia
 - Dysplasia vs. Metaplasia
 - Define Meningitis & Name its different types
 - Leukemoid reaction
 - Osteomyelitis

SECTION - 2

- Q. 1. Long Essay Type question (Any one out of Two)** (10)
- Define sterilization, Write in detail about any one method of Sterilization.
- OR**
- Define Biomedical waste and write in detail about it.
- Q. 2. Write short notes on ANY THREE of the following.** (03×05=15)
- Laboratory diagnosis of tuberculosis.
 - Type 1 Hypersensitivity reaction
 - Gram negative bacterial cell wall
 - Laboratory diagnosis of rabies

Q. 3. Write short Answer on ANY FIVE of the following.

(05×03=15)

1. General property of Fungi
 2. Steps of hand hygiene
 3. Donning and doffing of PPE
 4. Types of culture media
 5. NACO strategies for diagnosis of HIV infection
 6. Bacterial growth curve.
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