

INDIRA UNIVERSITY, PUNE

SCHOOL OF PHARMACY- BPHARM

Term End Examination (2025 Pattern) April- May – 2026- Semester – II

Course Name: Pathophysiology
Course Code: BP204T

Max. Marks: 75
Time: 3:00 Hrs.

Instructions

- All Questions are Compulsory. Write two sections on separate answersheets.
 - Neat diagram must be drawn wherever necessary.
 - Figures to the right indicate full marks.
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Section : I

Q.1 Solve any FIVE from the following -

15 Marks

- Define hypertension. Explain etiology and risk factors for hypertension.
- Explain the etiology of AIDS.
- Describe cellular adaptation.
- Explain clinical features of Parkinson's disease.
- Define leprosy and describe symptoms of leprosy.
- Define stroke. Explain types of stroke.
- Describe the factors affecting wound healing.

Q.2 Solve any TWO from the following -

20 Marks

- Define inflammation. Explain pathophysiology of acute inflammation.
- Explain types and etiopathogenesis of congestive heart failure.
- Explain etiology and pathogenesis of iron deficiency anaemia.
- Outline the types and explain pathophysiology of cancer.

Section : II

Q.3 Solve any EIGHT from the following -

40 Marks

- a. Explain the pathogenesis of cell injury.
- b. Describe pathogenesis of malaria
- c. Write a short note on urinary tract infections.
- d. Describe causes and explain the types of angina pectoris.
- e. Explain etiology and pathogenesis of hepatitis B.
- f. Discuss the signs, symptoms and pathogenesis of depression.
- g. Define and explain pathogenesis of osteoporosis.
- h. Discuss types of syphilis.
- i. Discuss types of Diabetes Mellitus.
- j. Explain polycystic ovarian syndrome in detail.
