

PATHOPHYSIOLOGY (GUESS PAPER 2025–26)

SECTION A (10 × 2 = 20)

1. Define cell injury and cellular adaptation.
2. Define necrosis and apoptosis.
3. Define asthma.
4. Classify diabetes mellitus.
5. Define hypertension.
6. Define anemia.
7. Define inflammation and list its signs.
8. Define peptic ulcer.
9. Define stroke.
10. Define hepatitis and its types.

SECTION B (Attempt any TWO – 2 × 10 = 20)

1. Describe causes and mechanism of cell injury in detail.
2. Explain pathophysiology of asthma.
3. Explain pathophysiology of hypertension with complications.
4. Explain intrinsic and extrinsic pathways of apoptosis.

SECTION C (Attempt any FIVE – 5 × 7 = 35)

1. Explain pathophysiology of diabetes mellitus.
2. Describe pathogenesis of tuberculosis.
3. Explain mechanism of inflammation.
4. Explain pathophysiology of peptic ulcer disease.
5. Describe pathophysiology of cancer.
6. Explain pathophysiology of AIDS.
7. Explain pathophysiology of hypertension.

■ QUESTION FREQUENCY ANALYSIS (2019–2025)

Topic	Times Asked	Exam Weight
Cell Injury & Apoptosis	7 / 7	■■■■■
Asthma	6 / 7	■■■■■
Diabetes Mellitus	6 / 7	■■■■■
Hypertension	6 / 7	■■■■■
Inflammation	5 / 7	■■■■■
Peptic Ulcer	5 / 7	■■■■■
Tuberculosis	5 / 7	■■■■■
Cancer	5 / 7	■■■■■
AIDS	4 / 7	■■■■