



**DDL-204-T**      Seat No. \_\_\_\_\_

# **Master in Pharmacy Management (Sem. II)**

## **(External Theory) Examination**

September – 2022

## BP204T : Pathophysiology

Time : 3 Hours]

[Total Marks : 75]

## Instructions :

(1) Draw clean diagrams wherever necessary and tie each section separately.

(2) Figure to the right indicates full marks for the respective question.

1 Answer the following questions : **10×2=20**

1. Define following terms :
  - 1) Pathophysiology
  - 2) Lesion
2. What is hypertrophy and hyperplasia ?
3. Give different atrophy and metaplasia.
4. Enlist cardinal sign of inflammation.
5. What is cancer ?
6. Enlist joint disorders.
7. Give causative organism of syphilis
8. Mention sign and symptoms of schizophrenia.
9. What is parkinsons disease ?
10. What is angina ?

2 Answer any two out of following : 2×10=20

1. Define cell injury. What are different types of cell injury and discuss ?
2. Classify cancer and discuss pathophysiology of cancer.
3. Discuss pathophysiology of hypertension.

**3 Answer any **seven** out of the following : **7×5=35****

1. Discuss various causes of cell injury.
2. Write mechanism of ischemic and hypoxic cell injury.
3. Differentiate cell necrosis and cell apoptosis.
4. Define peptic ulcer and discuss pathophysiology of peptic ulcer.
5. Discuss various types of inflammation.
6. Give sign symptoms and pathophysiology of typhoid.
7. Write a note on acute and chronic renal failure.
8. Discuss pathophysiology of osteoporosis and gout.
9. Write a note on Gonorrhea.

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