

SUBJECT: PATHOPHYSIOLOGY

Day : Wednesday

Time : 02.00 PM TO 05.00 PM

Date : 08/05/2019

S-2019-4387

Max. Marks : 60

N.B.

- 1) Q.No.1 and Q.No.5 are **COMPULSORY**. Out of the remaining questions attempt **ANY TWO** questions from each section
- 2) Answers to both the sections should be written in **SEPARATE** answer book.
- 3) Figures to the right indicate **FULL** marks.

SECTION – I

- Q.1** Answer **ANY FIVE** of the following: [10]
- a) Define cell adaptation.
  - b) Enumerate few glycogen storage diseases.
  - c) Name clinical features of parkinsonism.
  - d) Define and classify pneumonia.
  - e) Enlist various cellular adaptations to stress.
  - f) Define Epilepsy.
- Q.2** Define Autoimmunity and discuss mechanism of autoimmunity. Write a note on allograft rejection. [10]
- Q.3** a) Discuss pathogenesis of Hepatitis. [06]  
b) Write a short note on lipoproteinaemia. [04]
- Q.4** Write short notes on **ANY TWO** of the following: [10]
- a) Type III hypersensitivity reaction.
  - b) Pathogenesis of Asthma.
  - c) Pathogenesis of Diabetes Mellitus.

SECTION – II

- Q.5** Answer **ANY FIVE** of the following: [10]
- a) What are the risk factors for swine flu?
  - b) Define and classify hypertension.
  - c) List out the difference between benign and malignant tumor.
  - d) Enlist the factors influencing wound healing.
  - e) What are the symptoms of metastatic cancer?
  - f) What are the complications of congestive heart failure?
- Q.6** Describe the pathophysiology of Acute inflammation. [10]
- Q.7** a) Describe the pathophysiology of cancer. [06]  
b) Management of shock. [04]
- Q.8** Write short notes on **ANY TWO** of the following: [10]
- a) Acute renal failure
  - b) Pathophysiology of Angina.
  - c) Pathogenesis of HIV.