SECOND YEAR PHARM. D (SUPPLEMENTARY) : SUMMER - 2018

SUBJECT : PATHOPHYSIOLOGY

Day : **Monday** | Time : **02.00 P.M. TO 05.00 PM**

Date : **02/07/2018** | **S-2018-4055** | Max. Marks : 70.

N.B.:

1) Q. No. 1 and Q. No. 5 are **COMPULSORY.** Out of the remaining attempt any **TWO** questions from Section-I and Section-II.
2) Answers to the both the sections should be written in **SEPARATE** answer books.
3) Figures to the **RIGHT** indicate full marks.
4) Draw neat and labeled diagrams **WHEREVER** necessary.

SECTION-I

Q.1 **A)** Answer any **FOUR** questions of the following: **(08)**

a) Enumerate few glycogen storage diseases.
b) Enlist various inflammatory autocoids.
c) Differentiate between hypoxia and ischemia.
d) Define cell adaptation.
e) Define Cancer.
f) Enlist two examples of food allergy

B) Type-III : Immune complex reaction. **(03)**

Q.2 Define cell injury. Explain its etiology and pathogenesis. **(12)**

Q.3 **A)** Discuss histological diagnosis and pathogenesis of cancer. **(07)**
B) Chemical mediators of inflammation. **(05)**

Q.4 Write short note on (Any **Three**) **(12)**

a) Mechanism of allograft rejection.
b) Chronic inflammation.
c) Amylodosis.
d) Metaplasia with examples.
e) Mechanism of Autoimmunity and organ rejection.

SECTION-II

Q.5 **A)** Answer any **FOUR** questions of the following: **(08)**

a) Define Hypertension and stroke.
b) What is chronic renal failure?
c) What are common symptoms of liver diseases?
d) Explain types of shock.
e) Define Tuberculosis.
f) Explain CCF.

B) Explain Pathophysiology of Peptic ulcer. **(03)**

Q.6 Explain Pathophysiology, etiology and mode of transmission of Hepatitis. **(12)**

Q.7 **A)** Define Typhoid. Explain common symptoms and causes of Typhoid. **(07)**
B) Explain biological effects of radiation. **(05)**

Q.8 Write short note on (Any **Three**) **(12)**

a) Pathophysiology of asthma.
b) Management of shock.
c) Pathophysiology of Malaria.
d) Differentiate between bacterial and amoebic dysentery.
e) Acute renal failure.

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