Day : Thursday   Time : 02:00 PM-05:00 PM
Date 05-May-2022   S-5731-2022   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)   Give four contrasting features between apoptosis and necrosis.
   b)   Enlist types of chronic inflammation.
   c)   What you mean by adaptation?
   d)   Enlist risk factors of cancer.
   e)   What is wet gangrene?
   f)   What you mean by glycogen infiltration?

   B)   Short note on Phagocytosis.   (03)

Q.2   Define inflammation. Explain Pathological events of acute inflammation.   (12)

Q.3 A)   Define immunity and discuss mechanism of autoimmunity.   (07)
   B)   Write a note on general biology and spread of tumour.   (05)

Q.4   Write short note on (Any **Three**)   (12)
   a)   Mechanism of cell injury.
   b)   Process of normal wound healing.
   c)   Types of hypersensitivity reaction.
   d)   Mechanism of graft rejection.
   e)   Glycogen storage disease.

SECTION-II

Q.5 A)   Answer any **FOUR** questions of the following: (08)
   a)   Explain Pathophysiology of inflammatory bowel diseases.
   b)   Define shock.
   c)   Explain acute renal failure.
   d)   What are common symptoms of Asthma?
   e)   Define peptic ulcer.
   f)   Explain pathophysiology of chronic renal failure.

   B)   Explain about protein Calorie malnutrition.   (03)

Q.6   Define and classify hypertension. Explain in detail about pathogenesis of   (12)
hypertension.

Q.7 A)   Explain Pathogenesis of Atherosclerosis and give detail about Angina.   (07)
   B)   Explain about vitamins.   (05)

Q.8   Write short note on (Any **Three**)   (12)
   a)   Pathophysiology of stroke.
   b)   Pathophysiology of urinary tract infections.
   c)   Pathophysiology of HIV.
   d)   Obesity.
   e)   Air pollution.

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