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P.D 2.1

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II/VI PHARM-D DEGREE EXAMINATIONS, AUGUST - 2022

Second Year

PATHOPHYSIOLOGY

Time : Three Hours

Maximum : 70 Marks

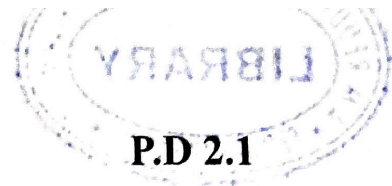
Answer any FIVE Questions.

5x14 = 70 M

All Questions carry equal marks

1. a) Enlist chemical mediators of inflammation. Explain systemic effects of chronic inflammation.
b) Write causes of cell injury. Explain acquired causes of cell injury.
2. a) Write types of nutritional deficiencies. Write metabolic changes associated with starvation.
b) Write a note on Carbon monoxide Poisoning.
3. Discuss the Pathogenesis of following :
a) Emphysema.
b) Pneumonia.
c) Angina.
4. a) Write Pathogenesis of Obesity.
b) Write a note on chemotaxis and transplantation antigens.
5. Discuss the various types, stages and management of shock.
6. a) What is ischemia ? How does it lead to reversible & irreversible injury.
b) Discuss Alcoholic liver disease & cirrhosis.
7. a) Explain HLA system and major histo-compatibility complex.
b) Write a note on Urinary tract infections.





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II/VI Pharma.D (Regular & Supply) DEGREE EXAMINATIONS, AUG/SEP-2019

(Examination at the end of Second year)

PATHOPHYSIOLOGY

Time: Three Hours

Maximum marks:70

Answer any FIVE Questions.

5X14=70M

All questions carry equal marks.

1. Explain the process of repair of wounds in the skin. Mention the factors that influence the healing of wounds?
2. Define hypersensitivity. List out the types of hypersensitivity. Discuss any two types in detail?
3. Write a note on the following
 - a) Protein Calorie Malnutrition
 - b) Pathophysiology of Diabetes Mellitus.
4. Discuss on chemical mediators of inflammation?
5. Enumerate on types of shock with their stages and mechanism?
6. Explain the aetiology and pathogenesis of cancer?
7. Describe the following
 - a) Effects of radiation
 - b) Glycogen storage diseases

Total No. of Questions :07]

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II/VI Pharma.D (Regular) DEGREE EXAMINATIONS, April/May-2018

(Examination at the end of Second year)

Paper I- PATHOPHYSIOLOGY

Time: Three Hours

Maximum marks:70

Answer any FIVE questions.

All questions carry equal marks.

5X14=70M

1. Explain the pathophysiology of the following
 - a) Parkinsonism
 - b) Asthma
2. Define Cell Injury. Explain its Etiology and Pathogenesis?
3. Define shock. Explain the different stages of shock?
4. Write about the following
 - a) Pathogenesis of starvation
 - b) Amyloidosis
5. Explain the following
 - a) General biology of tumors
 - b) Tuberculosis
6. Explain the following
 - a) Pathophysiology of stroke
 - b) Mechanism of autoimmunity
7. Write brief notes of pathogenesis of cancer and elucidate the difference between benign and malignant tumor?

II/VI PHARMA.D (Regular) DEGREE EXAMINATIONS, JULY- 2017

Second Year

PATHOPHYSIOLOGY

Time: Three Hours

Maximum marks:70

Answer any FIVE questions.

All questions carry equal marks.

5X14=70M

- ✓ 1. Explain the types of shock with their stages and mechanism?
2. Discuss in detail on etiology and mechanisms of Cell injury?
- ✓ 3. Describe the etiology, pathogenesis and risk of Obesity?
- ✓ 4. Write about the following
 - a) Biological effects of radiation
 - b) Glycogen storage diseases
- ✓ 5. Explain in detail about criteria and classification of autoimmune disease in man?
6. Explain about spread of malignant tumor and factors influencing cancer?
- ✓ 7. Describe the pathophysiology of the following
 - a) Diabetes Mellitus
 - b) Atherosclerosis

II/VI Pharm.D DEGREE EXAMINATIONS, AUGUST/SEPTEMBER-2016

PAPER-I

PATHOPHYSIOLOGY

Time: Three Hours

Maximum marks:70

Answer any FIVE questions.

All questions carry equal marks.

5X14=70M

1. What is shock? Explain the different stages of shock?
2. Discuss the different routes of Metastasis?
3. Explain the pathophysiology of the following
 - a) Hypertension
 - b) Schizophrenia
4. Write about the following
 - a) Diabetes Mellitus
 - b) Peptic ulcer
5. Discuss about the following
 - a) Pathogenesis of starvation
 - b) Factors influencing healing of wounds?
6. Describe the different types of chronic inflammation?
7. Explain the different hypersensitivity reactions?