

Paper Id: 150298

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B.PHARM
(SEM - II) THEORY EXAMINATION 2018-19
PATHOPHYSIOLOGY

Time: 3 Hours**Total Marks: 75****Note:** Attempt all Sections. If you require any missing data, choose suitably.

SECTION A

1. Attempt all questions in brief. **10 x 2 = 20**

- a. Write a short note on feedback systems.
- b. Define chemotaxis.
- c. Write a note on acute renal failure.
- d. Define Schizophrenia.
- e. Define Neoplasm.
- f. Discuss the role of Xanthine oxidase in development of gout.
- g. Give a short note on Grave's disease.
- h. Define Stroke and Hemorrhage.
- i. Discuss the underlying causes for development of Jaundice.
- j. Give causative agent and sign of Leprosy.

SECTION B

2. Attempt any two parts of the following: **2 x 10 = 20**

- a. Discuss in detail the pathophysiology of Asthma.
- b. Write descriptive notes on CHF and Angina.
- c. Elaborate the pathways of cellular apoptosis.

SECTION C

3. Attempt any five parts of the following: **7 x 5 = 35**

- a. Give the pathophysiology of Tuberculosis.
- b. Explain the pathophysiology of diabetes.
- c. Elaborate the pathways involved in the development of depression.
- d. Define Ulcers. Explain the process of ulcer development.
- e. Discuss Thalassemia and Sickle cell Anemia.
- f. Define cancer. Describe the pathophysiology of cancer.
- g. Explain the pathophysiology of AIDS.

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B. PHARM
(SEM-II) THEORY EXAMINATION 2019-20
PATHOPHYSIOLOGY

Time: 3 Hours**Total Marks: 75****Note: 1.** Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt all questions in brief.**10 x 2 = 20**

- a. Define cellular adaptations.
- b. What are intracellular accumulations?
- c. Describe Myocardial infarction in brief.
- d. Give a short note on Hemophilia.
- e. Define Angiogenesis.
- f. Write a note on role of interleukins in inflammation process.
- g. Give a short note on hypothyroidism and possible reasons for its development.
- h. Tuberculosis.
- i. Short note on ulcerative colitis.
- j. Discuss the sign and symptoms of Leprosy.

SECTION B

2. Attempt any two parts of the following:**2 x 10 = 20**

- a. Write in detail the pathophysiology of Parkinson's disease. Explain intrinsic and extrinsic pathways.
- b. Discuss the pathophysiology of atherosclerosis and hypertension.
- c. Explain the process of apoptosis. Elaborate extrinsic and intrinsic pathways.

SECTION C

3. Attempt any five parts of the following:**7 x 5 = 35**

- a. Give the pathophysiology of Asthma.
- b. Define Anemia. Elaborate Iron Deficiency Anemia.
- c. Give the pathophysiology of Epilepsy. Explain its various types.
- d. Define Ulcers. Explain the process of ulcer development.
- e. Differentiate between rheumatoid and osteoarthritis. Explain the pathophysiology of osteoarthritis.
- f. Describe the pathways of development of cancer.
- g. Explain the pathophysiology of AIDS.



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BPHARM
(SEM II) THEORY EXAMINATION 2021-22
PATHOPHYSIOLOGY

Time: 3 Hours**Total Marks: 75****Note: 1.** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A****1. Attempt all questions in brief.****10 x 2 = 20**

a.	Differentiate between hypertrophy and hyperplasia with examples.
b.	Discuss in brief megaloblastic anemia.
c.	Define hepatitis and write its various types.
d.	Enlist the causes of cell injury.
e.	Define seizures and classify its types.
f.	Discuss the types of osteoporosis with emphasis on its cause.
g.	Outline the clinical signs of inflammation.
h.	Define myocardial infarction.
i.	Write the risk factors of atherosclerosis.
j.	Define hemophilia.

SECTION B**2. Attempt any two parts of the following:****2 x 10 = 20**

a.	Write in detail the pathogenesis of cell injury.
b.	Explain the pathophysiology of cancer.
c.	Classify hypertension. Illustrate its pathogenesis and complications.

SECTION C**3. Attempt any five parts of the following:****7 x 5 = 35**

a.	Discuss the pathophysiology of peptic ulcer.
b.	Illustrate types of diabetes and write their pathophysiology.
c.	Write a detailed note on AIDS.
d.	Explain the feedback systems involved in homeostasis.
e.	Write an exhaustive note on pathophysiology of asthma.
f.	Discuss the pathophysiology of Parkinson Disease.
g.	Classify types of tuberculosis. Explain its pathogenesis.

B PHARM
(SEM II) THEORY EXAMINATION 2022-23
PATHOPHYSIOLOGY

Time: 3 Hours**Total Marks: 75****Note:** Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt all questions in brief. 10 x 2 = 20

- (a) What do you mean by atrophy&hyperplasia?
- (b) Write the causative agent of Urinary tract infections.
- (c) What is alpha & beta thalassemia?
- (d) Define hepatitis and give various types of hepatitis.
- (e) Give the causative agent of typhoid.
- (f) What do you mean by Hand foot syndrome?
- (g) Define diabetes and give the factors responsible for diabetes.
- (h) What do you mean by stroke?
- (i) Define cell injury & adaptation.
- (j) Define acidosis and alkalosis.

SECTION B

2. Attempt any twoparts of the following: 2 x 10 = 20

- (a) Define hypertension and explain the renin angiotensin aldosterone synthesis (RAAS) role in its pathogenesis.
- (b) Describe the pathophysiology of AIDS and its complications.
- (c) Define cancer and explain the pathophysiology of cancer in detail.

SECTION C

3. Attempt any fiveparts of the following: 7 x 5 = 35

- (a) Explain the pathophysiology and causes of cell injury.
- (b) Write a note on peptic ulcer.
- (c) What is Asthama? Describe its pathogenesis and consequences.
- (d) Write a detailed note on tuberculosis.
- (e) Discuss the pathophysiology of acute and chronic renal failure.
- (f) Write an exhaustive note on epilepsy.
- (g) Discuss the Pathophysiology of sickle cell anemia.



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BPHARM
(SEM II) THEORY EXAMINATION 2023-24
PATHOPHYSIOLOGY

TIME: 3HRS**M.MARKS: 75**

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A**1. Attempt all questions in brief.****10 x 2 = 20**

a.	Write a note on folic acid deficiency disorder.
b.	Define atrophy.
c.	Define acidosis.
d.	Write the pathophysiology of angina in brief.
e.	Define asthma.
f.	Classify diabetes.
g.	Give the etiology of syphilis.
h.	Which organism causes leprosy?
i.	Define homeostasis.
j.	Define electrolyte imbalance.

SECTION B**2. Attempt any two parts of the following:****2 x 10 = 20**

a.	Describe the causes and steps involved in cell injury.
b.	Give the etiology of chronic obstructive airway disease.
c.	Give the cause, symptoms and prevention measures of hypertension.

SECTION C**3. Attempt any five parts of the following:****7 x 5 = 35**

a.	Explain the mechanism of inflammation.
b.	Write the cause and prevention methods of Alzheimer's disease.
c.	Write the etiology of peptic ulcer. How it can be prevented?
d.	Write the etiology of typhoid. Give the symptoms and preventive measures of typhoid.
e.	Write the pathophysiology of atherosclerosis.
f.	Give pathophysiology of Hepatitis-C.
g.	Classify various types of anemia.



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BPHARM
(SEM II) THEORY EXAMINATION 2024-25
PATHOPHYSIOLOGY

TIME: 3 HRS**M.MARKS: 75**

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief.

10 x 2 = 20

a.	Quote various types of necrosis.
b.	Summarize the terms “hypoxia and Ischemia”.
c.	Recall various types of Angina pectoris.
d.	Enumerate the causes of Bronchitis.
e.	Differentiate between the terms “Graves’ Disease and Addison’s Disease”.
f.	Recite the various types of Diabetes.
g.	Illustrate various types of IBD.
h.	Classify various types of Hepatitis.
i.	Recite the causative organisms of Typhoid.
j.	Recall various types of Leprosy.

SECTION B

2. Attempt any *two* parts of the following:

2 x 10 = 20

a.	Differentiate intrinsic and extrinsic pathways of Apoptosis.
b.	Summarize the pathogenesis and symptoms of Epilepsy and Depression.
c.	Explain various types of Tumors and its pathogenesis.

SECTION C

3. Attempt any *five* parts of the following:

5 x 7 = 35

a.	Describe the mechanism of reversible and irreversible cell injury.
b.	Classify various types of plasma derived mediators in acute inflammation.
c.	Explain various factors involved in the pathogenesis of Hypertension.
d.	Differentiate the pathogenesis of Asthma.
e.	Compare the causes, symptoms and clinical manifestations of Peptic Ulcer diseases.
f.	Explain various factors involved in the pathogenesis of Osteoarthritis.
g.	Appraise the causative organism, pathogenesis and symptoms of Syphilis and Gonorrhoea.



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