

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
Pharm D Second Year Regular Examinations, July/August-2014
PATHOPHYSIOLOGY

Time: 3 hours

Max.Marks:70

Answer any five questions
All questions carry equal marks

More Job Updates Follow at www.pharmawisdom.blogspot.com

- ✓ 1.a) Define shock and add a note on management different types of shock.
b) Write briefly about Obesity.

- ✓ 2. Give a brief account on the following:
a) Pathogenesis of cell injury
b) Influence of radiation on biological system.

3. Write the symptoms, etiology and pathogenesis of:
a) Tuberculosis
b) Diabetes Mellitus.

- ✗ 4.a) Classify tumours and add a note on etiology of cancer.
b) Histological diagnosis of Malignancy.

- ✓ 5. Give the brief account on the following:
a) Hypersensitivity Reaction
b) Amyloidosis
c) Significance and MHC Protein.

6. Discuss the symptoms, etiology and pathogenesis of:
a) Hypertension
b) Parkinsonism.

- ✓ 7. Write short notes on the following:
a) Chemical mediators of Inflammation
b) Pathogenesis of peptic ulcers.

- ✓ 8. Give the brief account on the following:
a) Pathogenesis of Renal failure
b) Pathogenesis of AIDS.

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Code No. 2.2

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
Pharm D Second Year Regular Examinations, July/August-2014
PHARMACEUTICAL MICROBIOLOGY

Max.Marks:70

Time: 3hours

Answer any five questions
All questions carry equal marks

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1. Explain about:
 - a) Macro and micro nutrients of various medias
 - b) Cultivation of viruses.
2. Discuss about:
 - a) Pharmaceutical preparation and presence of injectables
 - b) Differentiate Bactericidal and virucidal activities.
3. Write a detailed note on Antigen-Antibody reactions with suitable examples.
4. Define antibiotics and Write a brief notes on the microbial production of:
 - a) Streptomycin
 - b) Vit-B2.
5. Give an elaborate note on:
 - a) ELISA
 - b) Vaccines.
6. Explain about the various types of immunities associated with human bodies.
7. What is a microbial assay? Write about the assay of Vit-B12.
8. Discuss about:
 - a) Malarial parasite
 - b) HIV.

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Code No. 2J

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Pharm D Second Year Regular Examinations, July/August-2014

PHARMACOGNOSY & PHYTOPHARMACEUTICALS

Max.Marks:70

Time: 3hours

Answer any five questions
All questions carry equal marks

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1. What are crude drugs? Classify them, discuss in detail on the chemical classification of crude drugs with specific examples.
2. Explain in detail about different methods of adulteration of crude drugs.
3. Give an account on ancient history of Pharmacognosy and its importance.
4. Draw a neat structure of plant cell and Describe in detail the cell wall constituents and cell inclusions.
5. Explain various collection and processing steps involved after cultivation of crude drugs.
6. Classify natural fibers. Discuss on the plant origin natural fibers used in surgical dressing.
7. Discuss on differentiating features of fats and oils and write brief note on the parameters used for analysis of fats and oils.
8. Write a short note on:
a) Polysaccharide drugs
b) Natural pesticides.

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
Pharm D SECOND YEAR SUPPLEMENTARY EXAMINATIONS
FEBRUARY/MARCH-2013
PHARMACOTHERAPEUTICS-I

Time: 3 hours

Max.Marks:70

Answer any five questions
All questions carry equal marks

More Job Updates Follow at www.pharmawisdom.blogspot.com

- 1.a) Explain the etiopathogenesis of Myocardial infarction and Angina Pectoris.
b) Write a note on the drugs used in the treatment of Myocardial infarction and Angina Pectoris. [6+8]
- 2.a) Explain Electrophysiology of heart.
b) Write a note on the drugs used in the treatment of Cardiac arrhythmias.
c) Explain non-pharmacological treatment of Cardiac arrhythmias. [6+6+2]
- 3.a) Explain etiopathology of Asthma.
b) Write a note on the drugs used in the treatment of Asthma. [4+10]
- 4.a) Differentiate between red bone marrow and yellow bone marrow.
b) Write the names of different cells present in bone with their functions.
c) Explain the pharmacotherapy of Osteoporosis. [4+4+6]
5. Explain general prescribing guidelines for Pediatrics and breast feeding women. [14]
6. Explain in detail about the etiopathogenesis and pharmacotherapy of Conjunctivitis & viral diseases. [14]
7. "Pharmacist a helping hand in Rational Drug Use". Explain. [14]
- 8.a) Explain the etiopathogenesis of thyroid diseases.
b) Write a note on drugs used in the treatment of Thyroid diseases along with ADRs. [6+8]

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Code No. 2.6

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Pharm D Second Year Regular Examinations, July/August-2014

PHARMACOTHERAPEUTICS-I

Time: 3 hours

Max.Marks:70

Answer any five questions

All questions carry equal marks

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1. Write pathogenesis of congestive cardiac failure.
2. Write pharmacotherapy of hyperlipidaemias.
3. Write different pulmonary function tests and write pharmacotherapy of Asthma.
4. Enumerate endocrine disorders and write treatment of Osteoporosis.
5. Write prescribing guidelines for:
 - a) Paediatric patients
 - b) Breast feeding.
6. What is Conjunctivitis? How it effects the patient and write its treatment?
7. Write brief note on rational drug use.
8. Write briefly on:
 - a) Oral contraceptives
 - b) Arrhythmias.

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