

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

(LM 4260)

FEBRUARY 2018

Sub. Code: 4260

**B.PHARM. DEGREE EXAMINATION  
SECOND YEAR  
PAPER V – PHARMACY PRACTICE AND PATHOPHYSIOLOGY**

*Q.P. Code: 564260*

**Time: Three hours**

**Maximum: 100 Marks**

**SECTION A  
(PHARMACY PRACTICE)**

**I. Elaborate on:** (1 x 20 = 20)

1. a) What are sutures and ligatures? Give its types with example. Write a note on catgut.  
b) Explain briefly self-adhesive plasters.

**II. Write notes on:** (4 x 5 = 20)

1. Explain the various methods of preparation of an emulsion.
2. What are the sources of errors in prescription?
3. What is chemical incompatibility? Explain the incompatibility of soluble salicylates with alkaline substances.
4. Write a note on tablet triturates.

**III. Short answers on:** (5 x 2 = 10)

1. What are Corrigenes? Give an example.
2. Give the English meaning of Cremor and Infricandus.
3. What is Synergism? Give an example.
4. What is contra-indication?
5. Give the types of dusting powders.

**SECTION B  
(PATHOPHYSIOLOGY)**

**I. Elaborate on:** (1 x 20 = 20)

1. a) Discuss the pathophysiology, causes, symptoms and management of Atherosclerosis.  
b) Explain the contributory factors for cell injury.

**II. Write notes on:** (4 x 5 = 20)

1. Discuss the management of Hypertension.
2. Explain the pathogenesis of Tuberculosis.
3. What are the different types of cellular adaptation?
4. What are chemical mediators? Give their types and functions.

**III. Short answers on:** (5 x 2 = 10)

1. Give the types of Ulcer.
2. Give the treatment for Hepatitis B.
3. What is Myocardial Infarction?
4. Write the symptoms of Diabetes mellitus.
5. Give the risk factors for Chronic Renal failure.

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