

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM- SEMESTER-3 - EXAMINATION – SUMMER -2023

Subject Code:BP304TT**Date: 11/08/2023****Subject Name: Phathophysiology****Time: 10:30AM TO 01:30PM****Total Marks: 80****Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1 (a) What are neurodegenerative diseases? Explain symptoms and pathogenesis of Parkinson. 06
- (b) Define and enlist type of anemia. Write about Sickle cell anemia. 05
- (c) Give etiology and pathophysiology of COPD. 05
- Q.2 (a) Discuss types of seizure associated with Epilepsy disorder. 06
- (b) Write a note on programmed cell death. 05
- (c) Discuss various chemical mediators which are involved in inflammation. 05
- Q.3 (a) Brief out about pathophysiology and treatment of Asthma. 06
- (b) Explain the feedback mechanism in homeostasis of body 05
- (c) Write a note on wound healing process of skin. 05
- Q.4 (a) Define the terms: 06
- a) Cushing syndrome b) Gynecomastia c) Prinz metal Angina
d) Chemotaxis e) Metabolic acidosis f) Hirsutism
- (b) Write a note on Rheumatoid Arthritis with DMARD's therapy. 05
- (c) Discuss pathogenesis and treatment of Atherosclerosis. 05
- Q.5 (a) Brief out about pathophysiology of cancer. 06
- (b) Write the diagnosis and pathogenesis for Gout. 05
- (c) Explain the etiology and pathogenesis of Erectile dysfunction in males. 05
- Q.6 (a) Discuss the types and pathophysiology of Leprosy. 06
- (b) Write a note on cellular adaptations.. 05
- (c) Write in detail about pathophysiology of HIV. 05
- Q.7 (a) Explain the etiology and pathogenesis of Peptic Ulcer. 06
- (b) Differentiate between: Type I and Type II Diabetes. 05
- (c) Discuss the pathophysiology and clinical manifestation of Acute renal failure 05
