

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PHARM - SEMESTER- 3 EXAMINATION – WINTER -2019

Subject Code: BP304TT**Date: 21-11-2019****Subject Name: Pathophysiology****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.

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|-------------|-----|---|-----------|
| Q.1 | (a) | Classify types of hypertension. Write a note on risk factors and management of hypertension | 06 |
| | (b) | Write signs and symptoms and complications of Diabetes mellitus. | 05 |
| | (c) | Define Atrophy, Hypertrophy, Hyperplasia, Metaplasia and Dysplasia | 05 |
| Q.2 | (a) | Explain pathophysiology of Peptic ulcer diseases. | 06 |
| | (b) | Explain the pathogenesis of asthma. Write differences between Bronchial asthma and COPD. | 05 |
| | (c) | Explain diagnosis and management of Tuberculosis. | 05 |
| Q.3 | (a) | Write pathophysiology of Rheumatoid arthritis. | 06 |
| | (b) | Explain causes of acute renal failure. | 05 |
| | (c) | Describe the signs and symptoms of various forms of epilepsy. | 05 |
| Q.4 | (a) | Write clinical manifestation and pathophysiology of Parkinsonism. | 06 |
| | (b) | Write etiology and pathogenesis of cancer | 05 |
| | (c) | Write mechanism of different type of inflammation | 05 |
| Q.5 | (a) | Explain the pathogenesis and clinical manifestations of AIDS. | 06 |
| | (b) | Describe basic principles of wound healing in the skin. | 05 |
| | (c) | Write about various types of arrhythmia | 05 |
| Q. 6 | (a) | Classify anemia. Write detailed note on Iron deficiency anemia. | 06 |
| | (b) | Define hepatitis. What are signs and symptoms of hepatitis? Write causes of hepatitis. | 05 |
| | (c) | Describe in details the signs and symptoms of schizophrenia. | 05 |
| Q.7 | (a) | Discuss signs and symptoms and complications of urinary tract infections. | 06 |
| | (b) | Write etiology, clinical manifestation and treatment of Depression. | 05 |
| | (c) | Explain pathophysiology of Atherosclerosis | 05 |
