



BBK-M-202101

Seat No. _____

Second Year D. Pharm. Examination

July - 2021

2.1 Pathophysiology

Time : 3 Hours]

[Total Marks : 70

Instruction : Figure to the right indicate full marks for the respective questions.

1 Answer the following questions : **10×2=20**

- (1) Differentiate hypertrophy and hyperplasia.
- (2) What are cardinal signs of inflammation ?
- (3) Bring out the differences between B & T lymphocytes.
- (4) Write four contrasting features of benign and malignant tumour.
- (5) Enlist Air pollutants and its effects.
- (6) Write the difference between depression and mania.
- (7) Name the causative agent, mode of transmission, signs and symptoms for Gonorrhoea.
- (8) Write the diagnostic tests for Typhoid, Malaria.
- (9) Name the causative organism for Urinary tract infection.
- (10) What is Ames test ?

2 Answer the following questions : (any two) **2×10=20**

- (1) Explain etiology, pathogenesis and morphology of cell injury.
- (2) Discuss the pathogenesis of cancer in detail.
- (3) Define angina pectoris. Briefly discuss types and pathogenesis of angina.

3 Answer the following questions : (any six) **6×5=30**

- (1) Explain the etiology, pathogenesis, signs and symptoms of Malaria.
- (2) Explain the etiology, pathogenesis, signs and symptoms of Tuberculosis.
- (3) Write the cause and pathogenesis of Parkinsonism.
- (4) Explain peptic ulcer and inflammatory bowel disease.
- (5) Explain the causes and metabolic changes of starvation.
- (6) Explain the biological effects of radiation.
- (7) Discuss the various stages of Shock ?
- (8) What are the different types of hypersensitivity reactions ? Describe the Type 1 hypersensitivity reaction.