J-014-1042007 Seat No. _____

M. P. M. (Sem. II) (CBCS) Examination

June / July - 2019

Pathophysiology : BP - 204 T

Faculty Code : 014

Subject Code : 1042007

Time : **3** Hours] [Total Marks : **75**

Instructions : (1) Figure to the right indicates full marks.
(2) Draw neat and clean diagram wherever required.

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

(a) Write clinical symptoms of ulcerative colitis.

(b) What are the causative factors of peptic ulcers ?

(c) Explain main event in the development of gout.

(d) Enumerate symptoms of acute renal failure.

(e) What is meningitis? Give examples of bacteria causing it.

(f) Enlist cell and plasma derived inflammatory mediators.

(g) What is caseous necrosis? Give example.

(h) Write four differences between hypothyroidism and hyperthyroidism.

(i) Draw a diagram showing pathogenesis of atherosclerosis.

(j) What is calcification? Give examples of dystrophic calcification.

2 Answer any **two** out of the following : **2×10=20**

(a) Explain cellular and molecular mechanisms of reversible injury due to hypoxia/ischaemia.

(b) Discuss etiology, pathogenesis, articular and extra-articular symptoms of rheumatoid arthritis.

(c) Classify hypertension. Explain risk factors and target end-organ damage induced complications of hypertension.

3 Answer any **seven** out of the following : **7×5=35**

(a) Write pathogenesis and symptoms of Parkinson's disease.

(b) Enumerate cardinal signs of inflammation. Describe events of acute inflammation with suitable diagram.

(c) Discuss causative factors and molecular mechanisms of cancer.

(d) Classify diabetes mellitus. Write pathogenesis and symptoms of NIDDM.

(e) Write a note on etiology and pathogenesis of asthma.

(f) Write causative agents, transmission, signs and symptoms of;

(a) AIDS (b) Tuberculosis

(g) Explain pathogenesis, positive and negative symptoms of schizophrenia.

(h) Define apoptosis. Write a note on molecular mechanisms and significance of apoptosis.

(i) Classify anemia based on pathophysiologic mechanisms.
