JBQ-014-003309 Seat No. _____

M. P. M. (Sem. III) (W.E.F. 2014) Examination

January - 2020

BP - 305 : Pathophysiology

Faculty Code : 014
Subject Code : 003309

Time : **3** Hours] [Total Marks : **80**

Instructions :

(1) Answer and tie up both the sections **separately**.
(2) Figures to the **right** indicate marks.
(3) Answer the **three** (**03**) questions from each section.
(4) Question **one** (**01**) and question **five** (**05**) are **compulsory**.
(5) Draw neat and clean diagram as required.

SECTION - I

1 Answer the following : (any **seven**) **14**

(a) Define : Pathophysiology.
(b) Enumerate causes of cell injury.
(c) Enlist neurodegenerative diseases.
(d) Define and classify hypersensitivity reactions.
(e) Cretinism.
(f) Define : Carcinoma.
(g) Define : Hyperglycaemia.
(h) Define : Polyarteritis nodosa.
(i) Enlist different types of anemia.
(j) Explain the terms : Hyperplasia and Metaplasia.

2 Answer the following :

(a) What is autoimmunity ? Give general mechanism of autoimmune diseases. **7**
(b) Write a brief note on different types of hypersensitivity reactions. **6**

3 Answer the following :

(a) Write a detail note on pathogenesis of acute inflammation. **7**

(b) Write a note on pathophysiology of hyperthyroidism. **6**

4 Answer the following :

(a) Define atherosclerosis. Write in detail about pathophysiology of atherosclerosis. **7**

(b) Explain wound healing. **6**

SECTION - II

5 Answer any two questions from the following : **14**

(a) Write a note on diabetes mellitus.

(b) Describe in detail about pathophysiology of parkinsonism.

(c) Explain in detail epilepsy.

6 Answer the following :

(a) Write a note on cell injury. **7**

(b) Write a short note on pathogenesis of hypertension. **6**

7 Answer the following :

(a) Write a note on pathophysiology of AIDS. **7**

(b) Write in detail amoebiasis. **6**

8 Answer the following :

(a) Write the pathophysiology of bronchial asthma. **7**

(b) Define and classify IBD. Give pathophysiology of any one type. **6**

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