



Second B.P,Th. (2012) Examination, Summer 2017
PATH.OLOGY AND MICROBIOLOGY

Total Duration : Section A + B = 3 Hours

Total Marks : 80

SECTION — A and SECTION — B

- Instructions :
- 1) Use **blue/black** ball point pen only.
 - 2) Do not write anything on the **blank portion of the question paper**. if written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All questions are compulsory.**
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question Paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) Use a common answer book for **all** Sections.

SECTION — A (50 Marks)
(Pathology)

1. Short answer question (any five out of six) (5x7=35)

- a) Write on Scurvy.
- b) Describe etiology, pathogenesis and fate of thrombosis.
- c) Reversible injury.
- e) Cellular events in acute inflammation.
- f) Free radicals and cell injury.

47 m₁ y^{e-2-2/ce,3} 1
Ixe-r-3 plats

2. Long answer question (any one out of two) : (1x15=15)

- a) Define repair. Mention factors affecting wound healing. Describe heal[•] of bone fracture.
- b) Enumerate hypersensitivity reactions. Write pathology of type IV hyp[•] ensitivity reaction with examples.

4.1 ji(29 L7v41)

based by following new questions :-
Define Neoplasia. Write differences between benign and malignant neoplasm.

P.T.O.

51212



SECTION — B (30 Marks)
(Microbiology)

3. Short answer question (**any three** out of four) : **(3x5=15)**

- a) Write differences between the Innate Immunity and Acquired Immunity.
- b) Define Sterilization. Write the principle, working and control of Autoclave.
- c) Write a note on Candidiasis.
- d) Cultivation of Viruses.

4. Long answer question (**any one** out of two) : **(1 x15=15)**

- a). Classify Mycobacteria. Write in detail about the Pathogenesis and Laboratory diagnosis of Pulmonary tuberculosis.
 - b) Enumerate blood parasites. Write about the life cycle, pathogenesis and laboratory diagnosis of Malarial parasite.
-