

P

(Printed Pages 4)

(20611)

Roll No. ....

B.P.T.-II Year



**T-015**

**B.P.T. Examination, June 2011**

**Pathology & Microbiology**

**(BPT-201)**

*Time : Three Hours]*

*[ Maximum Marks : 100*

**Note :** Attempt **any five** questions. Each question carries equal marks.

1. Give a detailed diagram explaining the structure of liver. Discuss the functions of liver and pathology of Hepatitis with respect to the cause, symptoms and consequences.

<https://www.freshersnow.com/previous-year-question-papers/> <sup>20</sup>

2. Define the following in one or 2 lines :  $10 \times 2 = 20$

(i) AIDS

(ii) Necrosis

**P.T.O.**

- ✓(iii) Apoptosis
- ✓(iv) Tumour
- (v) Atherosclerosis
- ✓(vi) Tissue
- ✓(vii) Allergy
- (viii) Spores
- ✓(ix) UTI
- ✓(x) VIRUS

✓ 3. Write short notes on the following : 4×5=20

(i) Hypersensitivity - causes and importance.

(ii) Sexually transmitted diseases can be averted from spreading taking some safety precautions.

Explain.

(iii) Hepatitis can be aggravated with a viral infection.

Summarise.

(iv) Anaemia and its causes.

✓ 4. (a) What is Hypersensitivity. Explain Type I and Type II in detail. 20

**T-015/480/2**

OR

(b) Explain aetiology of AIDS. How can we relate in acute/chronic infection, the pathology of AIDS.

✓ 5. Write the causative pathogenesis of these conditions with symptoms and description of conditions- 20

✓ (i) Pneumonia

(ii) Myocardial infarction

✓ (iii) Anaemia

✓ (iv) Tuberculosis

6. Yeasts and fungi are useful in some way but have a wide pathogenicity. Discuss with examples of pathogenic yeasts and fungi. 20

7. Bacteria can cause disturbances of respiratory tract. Enumerate in detail the different forms of respiratory tracts infections. 20

8. Give the differences between the following : 4×5=20

(i) Virus and fungi

T-015/480/3

P.T.O.

- (ii) Capsule and spore
- (iii) Diabetes insipidus and Diabetes mellitus.
- (iv) Osteomalacia and Osteoarthritis.

9. Write 5 points each on following conditions (Any four)

20

- (i) Nephritis
- ~~(ii)~~ Hospital acquired infections
- ~~(iii)~~ Leprosy
- ~~(iv)~~ Diseases of peripheral nerves
- ~~(v)~~ Anaemia

10. Blood circulatory system plays important role in physiology. How is it disturbed in pathological conditions. Explain edema and thrombosis. 20

**OR**

What is an infection? Explain the two types, acute and 'chronic infection with examples of pathology conditions.

**T-015/480/4**