

Total No. of Printed Pages – 2

**SS/BSN-2/PPG/08-18**

**2 0 1 8**

( August )

PHARMACOLOGY, PATHOLOGY & GENETICS

*Full Marks : 75*

*Time : 3 hours*

*The figures in the margin indicate full marks  
for the questions*

Answer **all** questions

*Write the answers to the two Halves  
in separate books*

FIRST HALF

1. What is a transdermal patch? Write briefly on it, and mention its merits and demerits. 2+4+4=10
2. Write short notes on: 5×2=10
  - (a) Plasma half life
  - (b) Enema
3. Write the therapeutic use of the following: 4×2=8
  - (a) Rifampicin
  - (b) Metronidazole

( Turn Over )

( 2 )

4. Write briefly on (*any two*) : 5×2 = 10
- (a) Adverse effects of Phenytoin
  - (b) Adverse effect of Fluroquinolone
  - (c) Adverse effect of Dapsone

SECOND HALF

5. Define inflammation. What are the signs of inflammation?  
Describe the cellular events of acute inflammation. 2+3+5=10
6. Write short notes on (*any three*): 4×3=12
- (a) Pathological changes in tuberculosis
  - (b) Bone marrow examination
  - (c) Wound healing
  - (d) Gangrene
7. Fill in the blanks: 1×3=3
- (a) Pathology deals with structural and \_\_\_\_ variation due to disease.
  - (b) Rabies is a \_\_\_\_ disease.
  - (c) \_\_\_\_ is the agent having cancer causing capacity.
8. Define dysmorphism. Enlist the clinical manifestation.  
Explain the role of a nurse in genetic counseling. 2+3+5=10
9. Fill in the blanks: 1×2=2
- (a) \_\_\_\_ occurs in somatic cell
  - (b) Gene is the functional unit of \_\_\_\_.

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