

(20812)

Roll No.

B. D. S. II Prof.

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5139(N)

B. D. S. Examination, August 2012

General & Dental Pharmacology Therapeutics

[BDS-05(N)]

Time : Three Hours]

[Maximum Marks : 70

Note: All questions are compulsory. Parts of a question should be attempted in sequence. Draw diagrams wherever necessary.

Part-A

1. Classify sulfonamides and describe their mechanism of action, side effects and therapeutic uses. Discuss the rationale of combination of sulfamethoxazole and trimethoprim. 15
2. Describe the following : 5×2=10
 - (i) Loop diuretics
 - (ii) Proton pump inhibitors.

(2)

3. Write short notes on the following : $2\frac{1}{2} \times 4 = 10$
- (i) Streptokinase
 - (ii) Obtundents
 - (iii) Zidovudine
 - (iv) Dapsone.

Part-B

4. ✓ Classify non-steroidal, anti-inflammatory drugs.
Discuss the mechanism, pharmacological actions,
side effects and uses of aspirin. 15

5. Write short notes on the following : $2\frac{1}{2} \times 4 = 10$
- (i) ✓ Vitamin D
 - (ii) Tolerance
 - (iii) First pass metabolism
 - (iv) Ketamine.

6. Describe the following : $5 \times 2 = 10$
- (i) ✓ Oral hypoglycaemic agents
 - (ii) Beta blockers.

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