



SA-4820

Seat No. _____

Second Year B.D.S. Examination

March / April – 2006

Pharmacology

Time : **3** Hours]

[Total Marks : **100**

- Instructions :** (1) Write precise and legible answers.
(2) Write answers to **each** section in separate answer books.

SECTION - I

- 1** (a) Define anaesthesia. Classify general anaesthetic agents. Describe pharmacological properties of Nitrous oxide. **12**
(b) Write a note on preanaesthetic medication. **4**
- 2** Answer any **three** : **18**
(a) Therapeutic uses and adverse effects of Digitalis.
(b) Therapeutic uses and contraindications of adrenaline.
(c) Classify NSAIDs. Discuss pharmacological actions and uses of ibuprofen. Discuss therapeutic uses of atropine.
- 3** Write short notes on any **four** : **16**
(a) Thiazide diuretics
(b) Lignocaine
(c) Drug antagonism
(d) Local application of drugs
(e) Salbutamol
(f) Treatment of iron deficiency anaemia

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[Contd...

SECTION - II

- 4** Answer any **two** : **16**
- (a) Mechanism of action and adverse effects of combination contraceptive pills.
 - (b) Describe different types of insulin preparations giving differences and specific uses of each.
 - (c) Discuss therapeutic uses and adverse effects of Penicillin – G.
- 5** Answer any **three** : **18**
- (a) Drug treatment of falciparum malaria.
 - (b) Discuss anthelmintic drugs.
 - (c) Drug treatment of aphthous ulcer.
 - (d) Discuss pharmacological basis for the use of nitroglycerine in angina pectoris. Also mention mode of administration and possible adverse effects.
- 6** Write short notes on any **four** : **16**
- (a) Mouth washes
 - (b) Dentifrices
 - (c) Bleaching agents
 - (d) Fluorides
 - (e) Metoclopramide
 - (f) Rifampicin
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