

j 110

[Total Marks : 40

$$(\mathbf{1})$$

- (2) Figures at right indicate marks.
- (3) Answers should be brief and to the point.
- (4) Give suitable examples where needed.
- (5) Draw diagrams if necessary.

9

- What is "Second gas effect"?
- Why is ergometrine not used for induction of labour although it is a uterine stimulant?
- Give pharmacological basis to explain why aspirin is given in low dose in a patient with Ischaemic heart disease.

Mention two contraindications for use of ergotamine in a patient of migraine.

**[ Contd...**

- 2 Answer any **three** of the following : 9
- (a) Describe how tricyclic antidepressants are beneficial in a case of depression. How does fluoxetine differ from TCA's in this respect?
  - (b) What is DOTS? Describe short term regimen for tuberculosis. Mention at least one adverse effect of each drug mentioned.
  - (c) Discuss briefly the mechanism of action, uses and adverse effects of lithium.
  - (d) Discuss the management of paracetamol poisoning.
  - (e) Enumerate drugs used for treatment of Parkinsonism. Discuss the "On-off" phenomenon in relation to Parkinson's disease.
- 3 Answer any **three** of the following : 12
- (a) Enumerate macrolide antibiotics. Discuss their uses and adverse effects.
  - (b) Describe various types of drug dependence. Discuss briefly the deaddiction programme in a chronic alcoholic patient.
  - (c) Enumerate various drugs from different categories used for amoebiasis. Discuss mechanism of action, uses and adverse effects of metronidazole.
  - (d) Enumerate various drugs for treatment of hyperthyroidism. What is the treatment strategy to manage a patient of hypothyroidism.
  - (e) Enumerate drugs used for treatment of Malaria. Discuss treatment strategies for chloroquine resistant *P. falciparum* malaria.
- 4 Answer any **two** of the following : 10
- (a) Describe in detail the drug treatment of category I in tuberculosis. Mention the mechanism of action and adverse effects of each drug you mention.
  - (b) Enumerate various oral antidiabetic drugs from different categories. Describe their mechanism of action and adverse effects.
  - (c) Describe the drug therapy of various STD (Sexually Transmitted diseases) in clinical practice. (Do not include treatment of AIDS).