

THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PHARMACY
ACADEMIC YEAR 2018/2019 – SEMESTER II

23



BACHELOR OF PHARMACY HONOURS
FMU5501 – PHARMACOLOGY III – LEVEL 5
FINAL EXAMINATION
DURATION: THREE HOURS

DATE: 28TH NOVEMBER 2019

TIME: 9.30 A.M – 12.30 P.M.

Structured Essay Questions (SEQs) – 50 marks

Answer all questions.

1.

- 1.1 List two (02) drugs (other than paracetamol) which are commonly subjected to overdose in Sri Lanka. (02 Marks)
- 1.2 List three (03) clinical situations in which there is a high risk of paracetamol toxicity. (03 Marks)
- 1.3 List three (03) signs/symptoms of paracetamol poisoning. (03 Marks)
- 1.4 Describe the mechanism of toxicity in paracetamol poisoning. (15 Marks)
- 1.5 State two (02) antidotes used to treat paracetamol poisoning. (02 Marks)

2.

- 2.1 Name four (04) highly venomous snakes in Sri Lanka. (04 Marks)
- 2.3 State three (03) consequences of envenomation in which antivenom serum is indicated. (03 Marks)
- 2.4 List three (03) adverse reactions associated with antivenom serum. (03 marks)
- 2.2 Briefly describe mechanism of action of the different constituents of snake venom. (15 Marks)

3.

- 3.1 List three (03) adverse effects of oral iron therapy. (03 Marks)
- 3.2 Briefly describe the mechanisms by which dietary iron is absorbed in the GI tract. (06 Marks)
- 3.3 List three (03) major functions of vitamin A. (03 Marks)
- 3.4 Briefly describe the functions and clinical indications of Vitamin C. (06 Marks)
- 3.5 Briefly describe the formation of active vitamin D in the body. (07 Marks)

4.

- 4.1 State the different categories of the US/FDA system which classifies the teratogenic risk of drugs. (05 Marks)
- 4.2 Drugs are sometimes administered to the pregnant mother with the fetus being the therapeutic target whereas certain drugs may exert adverse effects on the fetus. Explain this statement with examples. (10 Marks)
- 4.3 Briefly describe the important considerations regarding drug administration and patient compliance in the paediatric population. (10 Marks)

