

Total No. of Questions: 6

Total No. of Printed Pages:3

Enrollment No.....



Programme: B.Sc. (Hons.)

Branch/Specialisation: Forensic Science

Duration: 3 Hrs.

Maximum Marks: 60

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d. Assume suitable data if necessary. Notations and symbols have their usual meaning.

Marking Scheme
FS3CO23 (T) Forensic Toxicology (T)

		Q.4	i.	2 extraction methods: 1.5 mark each	3
			ii.	3.5 marks for each sub question.	7
Q.1	i) B) 1814	1	OR	iii. 3.5 marks for each sub question.	7
	ii) B) Mass Spectrometry (MS)	1			
	iii) B) Neurotoxic Poison	1	Q.5	i. Definition: 2 marks, Reason: 2 marks	4
	iv) C) Decreases absorption rate	1		ii. 3 marks for each drug.	6
	v) A) Diazepam	1	OR	iii. 3 marks for each drug.	6
	vi) B) Formic acid	1	Q.6		
	vii) C) Alcohol	1		i. 2.5 marks for each poison	5
	viii) A) Phencyclidine (PCP)	1		ii. 10 points: 0.5 marks for each point.	5
	ix) D) Unripe seed pods	1		iii. Definition: 1 mark, derivatives: 4 marks	5
	x) B) Rattlesnake	1			

Q.2	i. 1 mark for each definition	2			
	ii. Any 3 roles and 3 responsibilities. $\frac{1}{2}$ mark each	3			
	iii. Any 10 historical developments. 0.5 mark each	5			
OR	iv. Any 5 branches. 1 mark each	5			
Q.3	i. Definition: 1-mark, examples: 0.25 mark each (4 example)	2			
	ii. Detailed classification of poison	8			
OR	iii. 8 points: (each 2 marks) A- absorption, D- distribution, M- metabolism, E- Excretion	8			