

**MBBS 2<sup>nd</sup> Professional Examination, 2012****FORENSIC MEDICINE & TOXICOLOGY**

Time Allowed : 2 Hours

Full Marks : 40

**Use Separate answer script for each group***Attempt all questions.**The figures in the margin indicate distribution of marks in each question.***Group – A**

1. a) Define Rigor Mortis. Discuss in short the physio-chemical process of its development. Write the factors which influence its onset and distribution. 1+2+2  
b) Define infamous conduct in professional sense. Enumerate the examples of infamous conducts. 1+4

**Group – B**

2. a) Write down the medico legal importance of (**any two**) :  $2 \times 2\frac{1}{2}$   
i) 18 years of age  
ii) Rule of nine  
iii) Tailing of a wound  
b) Write Short notes on (**any two**) :  $2 \times 2\frac{1}{2}$   
i) Contributory Negligence  
ii) Negative Autopsy  
iii) Impulse

**Group – C**

3. a) Differentiate between (**any two**) :  $2 \times 2\frac{1}{2}$   
i) True & False virgin  
ii) Dry Drowning and Wet Drowning  
iii) Civil & Criminal Negligence  
b) Explain why (**any two**) :  $2 \times 2\frac{1}{2}$   
i) Colour change is not seen in subconjunctival haemorrhage  
ii) One gunshot wound of entrance with multiple exit wounds  
iii) Dying deposition is considered superior to dying declaration

**Group – D**

4. a) Name the toxic salts of arsenic. Write in short the clinical features of chronic arsenic Poison 1+4  
b) Mention the active principles of:  
i) Cannabis indica  
ii) Semicarpus anacardium  
iii) Croton seeds  
iv) Strychnas nuxvomica