

Code No: B134102

**R13****SET - 1****IV B. Pharmacy I Semester Supplementary Examinations, Oct/Nov - 2019**  
**BIO ASAYS & TAXICOLOGY**

Time: 3 hours

Max. Marks: 70

- Note: 1. Question paper consists of two parts (**Part-A** and **Part-B**)  
2. Answering the question in **Part-A** is Compulsory  
3. Answer any **THREE** Questions from **Part-B**
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**PART -A**

1. a) Write the principle involved in interpolation method. (4M)
- b) Write the limitations of bioassay. (3M)
- c) Write a note on risk assessment toxicology. (4M)
- d) Write a note on carcinogenic assessment. (3M)
- e) Write the toxic responses of heart. (4M)
- f) Write the treatment for mercury poisoning. (4M)

**PART -B**

2. a) Explain about three point, matching, four point bioassays. (10M)
- b) Write the importance of bioassays. (6M)
3. a) Explain the standardized activity of ADH of posterior pituitary extract. (9M)
- b) Write the principles of bioassay. (7M)
4. a) Explain about biotransformation of xenobiotics. (8M)
- b) Write the history of toxicology. (8M)
5. a) Write a note on sub acute toxicity studies. (6M)
- b) Write a detail note on carcinogenicity in humans. (10M)
6. a) Write the signs, symptoms, treatment for chronic poisoning of heavy metals. (9M)
- b) Write the treatment strategies for toxic response of kidney. (7M)
7. a) Write the toxic effects of pesticides. (8M)
- b) Write the toxic responses of vascular system. (8M)