

**Q.P. Code :00915**

**[Time:  $2\frac{1}{2}$  Hours]**

**[ Marks:60]**

Please check whether you have got the right question paper.

- N.B:
1. All Questions are compulsory.
  2. Draw neat & well labelled diagram wherever required.

- Q.1) Answer the following (any two) 12
- a) What are antidotes? Give its general classification.
  - b) Explain the toxicokinetics of poison.
  - c) Explain analysis & arsenic by reinsch of gutzeit test.
- Q.2) Answer the following (any two) 12
- a) Explain forensic techniques use in the analysis of pesticides
  - b) Explain the bio transformation of carbamates pesticides.
  - c) Explain the mechanism of pesticide toxicity in human body.
- Q.3) Answer the following (any two) 12
- a) Give in detail classification of breathe analyzer.
  - b) Explain the metabolism of alcohol in human body.
  - c) Describe various problems and difficulties in alcohol cases.
- Q.4) Answer the following (any two) 12
- a) Explain the mechanism of explosive devices.
  - b) Give in detail process and effects of explosion.
  - c) Write the analysis of explosive through the instruments method.
- Q.5) Answer the following (any two) 12
- a) Describe the provisions relating to the control committee for food standards and control food laboratory.
  - b) Explain the power of food Inspector.
  - c) Give Explosive Act, 1984 in detail.