



- Q-5** (14)
- a** Explain the various types of chemical changes during chemical incompatibility. (7)
  - b** Write a note on powders enclosed in cachets. (7)
- Q-6** (14)
- a** Discuss the various methods to calculate the dose of a child. (7)
  - b** Prepare 8 oz of a solution so that two teaspoonful diluted to a quart will make 1 in 5000 solution. (7)
- Q-7** (14)
- a** Write difference between ointment and paste. (7)
  - b** Calculate the quantity of potassium permanganate require to prepare 1 pint of 1 in 600 solution. (7)
- Q-8** (14)
- a** Write a note on cold compression method for manufacturing of suppositories. (7)
  - b** Calculate the volume of each of 80%, 60%, 20% and water are required to produce 600 ml of 50 % alcohol. (7)

