

P. Pages : 1

Time : Three Hours



AW - 2299

Max. Marks : 60

- Notes : 1. All question carry equal marks.
2. Answer **any five** question.

1. Define pharmacopoeia. Enlist various pharmacopoeia published worldwide. Discuss about history of Indian pharmacopoeia. **12**
2. Define buffer classify them with examples write ideal characteristics of buffer write a note of physiological buffers. **12**
3. Discuss in detail about sources of impurities in pharmaceuticals. **12**
4. What are anticaries agents? Write role of fluoride as an anticaries agents. Add a note on dentifrices. **12**
5. Discuss physiological role of various essential and trace ions. **12**
6. Explain about.. **12**
 - 1) Saline cathartics.
 - 2) Henderson-Hasselbalch equation.
7. Write a note on **any two**. **12**
 - 1) Antacid.
 - 2) Expectorants & emetics.
 - 3) Inhalants.
 - 4) Radiopaque contrast media.
