

P. Pages : 1

Time : Three Hours



GUG/S/25/14171

Max. Marks : 75

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- Notes :
1. Assume suitable data wherever necessary.
 2. Illustrate your answers wherever necessary with the help of neat sketches.
 3. All questions are compulsory.

1. Elaborate following questions. **10x2
=20**
- i) Finger printing.
 - ii) Pharmacodynamic.
 - iii) Remedies
 - iv) Anti-ulcer
 - v) Diuretics
 - vi) Anti inflammatory
 - vii) Anti-Oxidant
 - viii) Ethnobotany
 - ix) Conventional drug
 - x) Adulteration
2. Solve **any two** out of three. **2x10
=20**
- i) Explain microbial contamination in herbs.
 - ii) Explain DNA finger printing techniques in identification of drug of natural original.
 - iii) Explain invitro evaluation technique for antioxidant.
3. Solve **any five** out of seven. **5x7=
35**
- i) Explain phyto pharmacological screening
 - ii) Briefly explain pharmacokinetic and pharmacodynamic.
 - iii) Distinguish between Herbal drug and conventional drug.
 - iv) Explain ethnopharmacology.
 - v) Explain Phytotoxins.
 - vi) Toxicity studies as per OECD guideline.
 - vii) Explain detection of Heavy metal.
