

B.Pharm. Final Year (CBCS Pattern) Semester-VIII
BP806ET - Quality Control and Standardization of Herbals

P. Pages : 2

Time : Three Hours



GUG/S/25/14152

Max. Marks : 75

1. Multiple choice questions. 20
- 1) Physical Evaluation of Crude drug involve -----
 - a) Stomata
 - b) Calcium oxalate crystals
 - c) Refractive Index
 - d) Trichomes
 - 2) Specific test applicable to oral liquids and powder
 - a) Uniformity of mass
 - b) pH
 - c) Microbial Limits
 - d) All of above
 - 3) In cGMP "C" stand for
 - a) Current
 - b) Control
 - c) Common
 - d) None
 - 4) Number of animals used in Single dose toxicity studies are
 - a) Two
 - b) Three
 - c) Four
 - d) Five
 - 5) Test parameter used for evaluation of herbal sample are -----
 - a) Microbiological testing
 - b) Dissolution test
 - c) Test for Heavy metal
 - d) All of above
 - 6) The species selected for collection should be some as the specific in -----
 - a) National pharmacopoeia
 - b) Ayurveda book
 - c) Pharmacognosy book
 - d) WHO Guideline
 - 7) Wagner test is used to detect -----
 - a) Alkaloids
 - b) Glycoside
 - c) Tannins
 - d) Resins
 - 8) Control of laboratory should include -----
 - a) Sampling plans
 - b) Test procedure
 - c) Standard
 - d) All of above
 - 9) Ruthenium Red test is used to detect -----
 - a) Tannins
 - b) Resins
 - c) Gum and mucilage
 - d) Fixed oil
 - 10) Fingerprinting technique includes -----
 - a) TLC
 - b) HPTLC
 - c) HPLC
 - d) All
 - 11) Herbal pharmacopoeia is a -----
 - a) Pharmacognosy book
 - b) Monograph on botanicals
 - c) Books on herbs
 - d) None

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| 2. | Long answer questions solve any two . | 20 |
| | a) WHO Guidelines on cGMP for Herbal medicines. | |
| | b) Write a note on Guidelines on declaration of herbal substances and herbal preparation in herbal medicinal products. | |
| | c) What are different regulatory requirement for herbal medicines? | |
| 3. | Short answer questions solve any seven . | 35 |
| | a) Explain the role of biological markers in standardization of herbal product. | |
| | b) Write on note on GLP. | |
| | c) Write a objective and Guidelines on GACP for medicinal plant. | |
| | d) Write a note on Long term toxicity test | |
| | e) Explain WHO guideline on safety monitoring of herbal medicines. | |
| | f) Explain Six-System Inspection Model. | |
| | g) Write a note on Stores under GMP in herbal drug industry. | |
| | h) Explain the physical method of evaluation of crude drug with examples. | |
| | i) Explain acute toxicity test. | |

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