

[KZ 809]

OCTOBER 2011

Sub. Code: 3809

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION**SECOND YEAR****PAPER III – PHARMACOGNOSY AND PHYTO PHARMACEUTICALS***Q.P. Code: 383809***Time: Three Hours****Maximum: 100marks****Answer ALL questions in the same order.****I. Elaborate on :****Pages Time Marks
(Max.) (Max.) (Max.)**

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| 1. Define adulteration and write a detailed note on different methods of adulteration of crude drugs. | 17 | 40 min. | 20 |
| 2. Explain in detail about the source, chemistry and method of extraction of lipids. Write in detail about any two lipid containing drugs. | 17 | 40 min. | 20 |

II. Write notes on :

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| 1. Define the term crude drugs and explain the classification of crude drugs with examples. | 4 | 10 min. | 6 |
| 2. Define and classify oils with examples and write the method of preparation of medicinal castor oil. | 4 | 10 min. | 6 |
| 3. Write in detail about cell wall constituents and cell inclusions with their functions. | 4 | 10 min. | 6 |
| 4. Write the source, constituents, chemical tests and the medicinal uses of the following: (i) Pyrethrum (ii) Tragacanth. | 4 | 10 min. | 6 |
| 5. Explain the methods of cultivation of crude drugs with examples. | 4 | 10 min. | 6 |
| 6. Define the term proteins, classify them and write a note on method of analysis of proteins with examples. | 4 | 10 min. | 6 |
| 7. Draw neat labeled diagnostic characters of fruit drugs and explain the types with examples. | 4 | 10 min. | 6 |
| 8. What are fibres? Classify them. Write in detail about the absorbent cotton and differentiate from raw cotton. | | | |
| 9. Enumerate the history and scope of Pharmacognosy. | 4 | 10 min. | 6 |
| 10. Write the source, confirmatory chemical tests and uses of (i) Carbohydrates (ii) Lipids (iii) Proteins. | 4 | 10 min. | 6 |
