

GUJARAT TECHNOLOGICAL UNIVERSITY
B. Pharm. - SEMESTER-7 • EXAMINATION – SUMMER -2018

Subject Code: 2270005

Date: 30/05/2018

Subject Name: Pharmacognosy-V

Time: 02:30 PM TO 05:30 PM

Total Marks: 80

Instructions:

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

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| Q.1 | (a) | Enumerate various Ayurvedic Formulations. Give details of Gutika and Asavas. | 06 |
| | (b) | Write a note on standardization of Ayurvedic Formulations. | 05 |
| | (c) | Give significance of Column Chromatography in evaluation of herbal drugs | 05 |
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| Q.2 | (a) | Write a note on herbal Cosmetics | 06 |
| | (b) | What are natural allergens? Describe different types of natural allergens and corresponding effects produced by them. | 05 |
| | (c) | Give Pharmacognosy of <i>Kalijiri</i> . | 05 |
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| Q.3 | (a) | Give details of Shikimic acid pathway | 06 |
| | (b) | Write Pharmacognosy of <i>Chitrak</i> . | 05 |
| | (c) | Write a note on <i>Shilajit</i> . | 05 |
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| Q.4 | (a) | Give biological source, family, active constituents and uses of different plants named as Punarnava and differentiate <i>Satodi</i> and <i>satodo</i> . | 06 |
| | (b) | Give details Natural sweetners | 05 |
| | (c) | Give brief outline of Nutraceuticals. | 05 |
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| Q.5 | (a) | Define <i>Bhasma</i> , give its preparation and enumerate standardization parameters for the same. | 06 |
| | (b) | Differentiate <i>Asava</i> & <i>Arishta</i> | 05 |
| | (c) | Write a note on Poisonous plants with special emphasis on <i>Calotropis</i> | 05 |
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| Q. 6 | (a) | Write detailed notes on Fungal Toxins. | 06 |
| | (b) | Define <i>Bhasma</i> , give its preparation and enumerate standardization parameters for the same | 05 |
| | (c) | Give details of Acetate mevalonate Pathway | 05 |
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| Q.7 | (a) | Give biological source, family, active constituents and uses of different plants named as <i>Shankhpushpi</i> | 06 |
| | (b) | What are pesticides? Name different natural pesticides and herbicides giving their source and activity. | 05 |
| | (c) | Write a note on <i>Galo</i> . | 05 |
