

Enrolment No. _____
PARUL UNIVERSITY
PARUL INSTITUTE OF PHARMACY
B.PHARM SIXTH SEMESTER
SECOND INTERNAL THEORY EXAMINATION: 2020-21

Subject Name: Herbal Drug Technology

Subject Code: BP603T

Time: 02:00 pm -03:15 pm

Date: 10/03/21

Total Marks: 30

Instructions:

1. Figures to the right indicate full marks.
2. Make suitable assumptions wherever necessary.

- Q.1 Multiple Choice Questions:** [10]
- (1) Schedule T is GMP ofmedicines. 01
(a)ASU (b)ASUH (c)AYUSH (d) Siddha
 - (2) Identify the department of R & D in herbal drug industry. 01
(a)F & D (b)Analytical (c)Regulatory (d)All
 - (3) Central Drug Research Institute is situated at 01
(a)Jammu (b)Lucknow (c)New Delhi (d)Gujarat
 - (4) Identify the drug which decreased the action of antacids. 01
(a) Hypericum (b)Pepper (c)Ginkgo (d)Kava-kava
 - (5) Inulin is 01
(a)Prebiotic (b)Probiotic (c)Antioxidant (d)Mineral
 - (6) What is not true in case of Patent 01
(a) It should be novel
(b) It should be obvious
(c) It should be useful
(d) It should have industrial application
 - (7) Biopiracy means, 01
(a) The illegal appropriation of life The legal appropriation of life
 - (8) Constitution of, ASU DCC is 01
(a) Nominated representatives, 2 central government and 1 from each state
(b) Nominated representatives, 1 central government and 1 from each state
(c) Nominated representatives, 1 central government and 2 from each state
(d) Nominated representatives, 2 central government and 2 from each state
 - (9) Biodynamic Agriculture practice involves 01
(a) Use of Biopesticides and Bioinsecticides
(b) Use of Organic fertilizer
(c) Use of green houses
(d) All of Above
 - (10) Full form of TKDL is, 01
(a) Traditional Knowledge Data Library
(b) Traditional Knowledge Data Laboratory
(c) Traditional Knowledge Digital Laboratory
(d) Traditional Knowledge Digital Library

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Q.2 Long Answers:(Any One)

- | | | |
|-----|---|-----------|
| (1) | Define nutraceuticals. Explain different types of nutraceuticals along with examples. How nutraceuticals are benefited in cancer? | 10 |
| (2) | (a) Discuss steps involved in processing of Crude drug.
(b) Give a brief a not on Schedule T | 10 |

Q.3 Short Answers:(Any Two)

- | | | |
|-----|---|-----------|
| (1) | Discuss herb drug and herb food interactions of Hypericum, Garlic and Ephedra. | 05 |
| (2) | Discuss various segment of herbal drug industries and enlist plant based industries and institutions involved in work on plants in India. | 05 |
| (3) | Discuss patenting issues of Neem and Curcuma case. | 05 |
