

**GUJARAT NATIONAL LAW UNIVERSITY  
GANDHINAGAR**

Course: **Pharmaceutical Sciences (including Medical devices)**  
Semester- IV (Batch: 2019-24)

End Semester Online Examination: July-August 2021

Date: 08<sup>th</sup> August, 2021

Duration: 8 hours

Max. Marks: 40

**Instructions:**

- The respective marks for each question are indicated in-line.
- Indicate correct question numbers in front of the answer.
- No questions or clarification can be sought during the exam period, answer as it is, giving reason, if any.
- Word Limit: for 10 Marks: 700-750 Words.
- Word Limit: for 5 Marks: 350-400 Words.

	Part A	Marks
Q.1	Explain the salient features of the latest Drug price control order.	(10)
Q.2	What are Medical devices? How are they classified? Add a note on the key features of the Medical Devices (Amendment) Rules, 2020.	(10)

**Part B**  
(Answer the following briefly)

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|-----|--|-----|
| Q.3 | Write short notes on the advertisements exempted under The Drugs and Magic Remedies (Objectionable Advertisements) Act, 1955   | (5) |
| Q.4 | Briefly discuss any five drugs which require accompanied pharmacogenetic-based diagnostic tests (points to be included- associated disease against which the drug is used, gene tested etc...) | (5) |
| Q.5 | What are neurotransmitters? What happens when neurotransmitters are released into the synapse? Add a note on any two neurotransmitters and its role.   | (5) |
| Q.6 | Give the name, active constituents, botanical source of any two crude drugs belonging to following category  | (5) |
|     | a) Diuretic  |     |
|     | b) Anticholinergic   |     |
|     | c) Expectorant   |     |
|     | d) Respiratory stimulant   |     |
|     | e) Astringent  |     |

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