

**BACHELOR OF SCIENCE (RADIOLOGY & IMAGING TECHNOLOGY) (CBCS-  
2019 COURSE)**

**B.Sc. (R&IM) Sem-II :SUMMER- 2022**

**SUBJECT : PHARMACOLOGY**

Day : Wednesday  
Date : 27-07-2022

**S-21619-2022**

Time : 10:00 AM-12:00 PM  
Max. Marks : 40

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**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.

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**Q.1** Long answer questions **ANY TWO.** (20)

- 1) Mention different routes of drug administration. Write advantages and disadvantages of oral route of administration.
- 2) What are common properties/ attributes of Aminoglycoside antibiotics?
- 3) Describe various drug used in Organo-phosphorus compound poisoning.
- 4) Write down pharmacological actions and uses of Antihistaminic.

**Q.2** Short answer questions **ANY FOUR.** (20)

- 1) Define first pass effect. Describe methods to minimize first pass effect.
- 2) Mention uses of Adrenaline.
- 3) Enumerate contraindication for use of corticosteroids.
- 4) Mention the pharmacological class and uses of propranolol.
- 5) What do you understand by Inhalational route of drug administration? Give two examples.
- 6) Define contract media. Mention types of contract media with examples.

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