

Roll No.: _____

Enrolment No. _____

PARUL UNIVERSITY
SCHOOL OF PHARMACY
B.PHARM FIRST SEMESTER

SECOND INTERNAL THEORY EXAMINATION: 2021-22

Subject Name: Pharmaceutical Inorganic Chemistry

Subject Code: BP104T

Time: 10:00 am to 11:15am

Date: 20/01/2022

Total Marks: 30

Instructions:

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

Q.2 Long Answers: (Any One)

- 1) Write a Define and classify antacid. Write ideal properties of antacid. Write a note on aluminium hydroxide gel. **10**
- 2) Define term Antidote. Give types of poisons. Write preparation and assay method of sodium thiosulphate. **10**

Q.3 Short Answers: (Any Two)

- 1) Write down short note Emetics. **05**
- 2) Write method of preparation and assay method of ferrous sulphate. **05**
- 3) Give detail mechanism and classification of antimicrobial agent with Example. **05**

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Q.1 Multiple Choice Questions:

- | | |
|---|----|
| (1) Side effect of antacid therapy | 01 |
| (a) Vomiting (b) Diarrhea (c) Reduced acidity (d) None of above | |
| (2) Lugol's solution is composed of | 01 |
| (a) Iodine (b) Iodine and Potassium iodide | |
| (c) Iodine and water (d) Iodine and alcohol | |
| (3) Kaolin is | 01 |
| (a) Hydrated aluminium silicate (b) Cathartics | |
| (c) a and b both (d) Acidifier | |
| (4) Chlorinated lime is also known as | 01 |
| (a) Calcium hydroxide (b) Calcium carbonate | |
| (c) Slaked lime (d) Bleaching powder | |
| (5) Iodine is used as | 01 |
| (a) Germicide and fungicide (b) Antacids | |
| (c) Cathartics (d) Acidifiers | |
| (6) Antimicrobial agents exert its effect due to this mechanism | 01 |
| (a) Halogenation (b) Oxidation | |
| (c) Protein precipitation (d) All of above. | |
| (7) Bentonite is used as | 01 |
| (a) Absorbent (b) Emulsifying agent (c) Cleaning agent (d) Acidifiers | |
| (8) Apart from Expectorant, Ammonium Chloride is also used as | 01 |
| (a) Haemittic (b) Acid-base equilibrium | |
| (c) Antimicrobial (d) None of the above | |
| (9) Povidone iodine solution is composed of | 01 |
| (a) Iodine (b) Povidone & Iodine | |
| (c) Iodine and water (d) Iodine and alcohol | |
| (10) Magnesium hydroxide mixture is also known as | 01 |
| (a) Milk of magnesia (b) lime stone | |
| (c) Calcium hydroxide (d) Magnesium sulphate | |