



BBR-M-201914

Seat No. _____

First Year D. Pharm Examination

July - 2021

Pharmaceutical Inorganic Chemistry

Time : **3 Hours**]

[Total Marks : **70**

1 Answer the following **2×10=20**

- (1) Explain the terms : Protective, Dentifrices.
- (2) What do mean by antibacterial agent ? Briefly explain its mechanism.
- (3) Define : Hematinics, Buffer capacity.
- (4) Describe the word Desiccant with its properties.
- (5) Explain in brief about type of solvents.
- (6) Write the assay of laughing gas.
- (7) Differentiate between Hypochlorhydria and Hyperchlorhydria.
- (8) What do you understand by Masking -Demasking and Fractional precipitation ?
- (9) Explain the terms : Errors, Molality.
- (10) What are Gastrointestinal agents and Saline cathertics ?

2 Answer the questions. **(Any Two)** **10*2=20**

- (1) Explain in details about theories of Acid-Base and Indicator theory.
- (2) Enlist various methods for the measurement of radio pharmaceuticals in details.
- (3) Define : Pharmaceutical aids and Antioxidants.
Write down method of preparation, properties, assay and uses of sodium thiosulfate.

3 Answer the questions. (Any Six)

5*6=30

- (1) What are dental products ? Classify them with suitable examples. Write the preparation of NaF.
- (2) Explain various methods for detection in complexometric titration.
- (3) Distinguish between Poison And Antidote. Discuss mechanism of action of antidote poisoning Write a short note on Cyanide poisoning.
- (4) Discuss in detail about neutralization curve for weak acid and strong base.
- (5) Explain assay and uses for Hydrogen Peroxide & Zinc oxide.
- (6) Define : Antacids. Explain briefly the characteristic of Ideal antacid. Give preparations, and uses of Aluminium Hydrochloride Gel.
- (7) Define : limit test. Write the importance of limit test. Write a detail note on limit test of arsenic.
- (8) Explain various step in gravimetric analysis.
