B. Pharm. First Semester (New)

35304 : Pharmaceutical Inorganic Chemistry : BP 104 T

P. Pages : 1 **AW - 2334**

Time : Three Hours Max. Marks : 75

Notes : 1. All questions compulsory.
2. Answer **all** questions.
3. Discuss the reaction, mechanism wherever necessary.
4. Use of pen Blue/Black ink/refill only for writing the answer book.

1. Write answer of following questions. **20**

i) What are dentifrices? Give its example.
ii) Give the ideal properties of antacid.
iii) What are Haematinics? give its example.
iv) What are acidifiers? Give its example.
v) What is mean by Astringents? Give its example.
vi) What is mean by radioisotopes? Give its example.
vii) Write a reaction involved in limit test of chloride.
viii) What are emetics? Give its example.
ix) Write note on buffers.
x) Give properties & uses of sodium chloride.

2. Attempt **any two** of the following. **10**

i) Enlist major Extra & Intracellular ions. Discuss in detail about replacement therapy and oral rehydration salt.

ii) What are Radiopharmaceuticals. Discuss any two methods for measurement of radio activity.

iii) Derive Henderson-Hasselbalch equation for buffers. How standard buffers are prepared & also discuss stability of buffers.

3. Attempt **any seven** of the following each question carries equal marks. **35**

i) Give detail account on history of pharmacopoeia.
ii) Explain the limit test of Arsenic.
iii) Discuss in detail about antimicrobials & their mechanism.
iv) Give the properties of α, β & y radiation.
v) Discuss in detail about Dentifrices & Anticaries agents with examples.
vi) Give method of preparation & uses of Boric acid.
vii) Discuss in detail about buffered Isotonic solution.
viii) Define & classify antidote ? Explain role of antidote in cyanide poisoning.
ix) Discuss about sources of impurities.

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