

Pharmacy

Subject : P.Chem - I

Time : 3 Hrs.

M.M. : 80

SECTION-A

Note: Multiple choice questions. All questions are compulsory. (8x1=8)

Q.1 Which one of the anion is most abundant in human body?

- a) Chloride b) carbonate
- c) bicarbonate d) citrate

Q.2 Green vitriol is

- a) Copper sulphate
- b) Magnesium sulphate
- c) Ferrous Sulphate
- d) Sodium Sulphate

Q.3 Dry ice is solid form of

- a) carbon dioxide b) Oxygen
- c) helium d) nitrogen

Q.4 Beta particles penetrate tissue upto

- a) 100 cm b) 1000 cm
- c) 1 cm d) 10 cm

(1)

2112

Q.5 Caustic soda is

- a) Sodium hydroxide
- b) Calcium hydroxide
- c) Ammonium hydroxide
- d) Calcium chloride

Q.6 Which inhalant is most widely used in fire extinguisher?

- a) Oxygen b) nitrous oxide
- c) Argon d) carbon dioxide

Q.7 Limit test are performed in

- a) Test tubes b) Nessler cylinders
- c) Flask d) None

Q.8 Which of the following is used in the treatment of Archlorhydria ?

- a) Boric acid b) nitric acid
- c) hydrochloric acid d) Acetic acid

SECTION-B

Note: Objective/completion type questions. All questions are compulsory. (8x1=8)

Q.9 Define buffer capacity.

Q.10 Write chemical formula of sodium metabisulphite.

Q.11 Give storage condition of sodium hydroxide.

(2)

2112

Q.12 What is the function of thioglycolic acid in the limit test for iron?

Q.13 What do you mean by 6% hydrogen peroxide solution?

Q.14 Define the limit test.

Q.15 Write two examples of aluminium containing antacid.

Q.16 What do you mean by % W/V?

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x5=40)

Q.17 Write chemical properties of boric acid.

Q.18 Define antacid. Write ideal characteristics of antacid.

Q.19 Explain the compound precipitated sulphur.

Q.20 Write chemical properties and storage of oxygen.

Q.21 Explain the compound potassium citrate used in acid base regulation.

Q.22 Write short note on silicon polymers.

Q.23 Write pharmaceutical use of potassium permanganate.

Q.24 Explain sodium and potassium ions as electrolyte.

Q.25 Write application of radioisotopes.

Q.26 Discuss the compound Kaolin.

SECTION-D

Note: Long answer type questions. Attempt any three questions out of four questions. (8x3=24)

Q.27 Discuss biological effects of radiation.

Q.28 Define antioxidant. Explain any two compounds.

Q.29 Give details of limit test of lead.

Q.30 Explain sodium chloride and its preparation.

<https://www.hsbteonline.com>

Whatsapp @ 9300930012

Send your old paper & get 10/-

अपने पुराने पेपर्स भेजे और 10 रुपये पायें,

Paytm or Google Pay से