

- a) Systemic Acidifier
c) Diuretic
- b) Expectorant
d) Non systemic Acidifier
- (x) Identify the statement-Distilled water is free only from all ions and minerals -Is the statement.
- a) True
c) may be
- b) False
d) none of these
- (xi) Identify the one which is used as an Expectorant
- a) KI
c) KBr
- b) CuSO_4
d) FeSO_4
- (xii) Units of Radioactivity
- a) Curie
c) RAD
- b) Rontgen
d) All of these
- (xiii) Identify the component which is detected by Geiger-Muller counter
- a) Iron
c) Vapour
- b) Carbon
d) Radiation 4
- (xiv) Example of Radio Opaque Contrast media
- a) MgSO_4
c) BaSO_4
- b) Bentonite
d) Kaoline
- (xv) Silver mirror test is positive for _____
- a) Aldehyde
c) Ethanol
- b) Ketone
d) Ether
- (xvi) Which of the following is a systemic antacid
- a) CaCO_3
c) NaHCO_3
- b) KMnO_4
d) None of these
- (xvii) pH of buffer solution depends upon concentration of:
- a) acid (H^+)
c) salt
- b) conjugate base ($-\text{OH}^-$)
d) Both acid (H^+) and conjugate base ($-\text{OH}^-$)
- (xviii) Choose the drug which is used to Prevent Dental caries
- a) 1% NaF solution
c) 3% NaF solution
- b) 2% NaF solution
d) 4% NaF solution
- (xix) Select the correct option-NaF is used as
- a) Dental carries
c) Desensitizing agent
- b) tooth paste
d) None of these
- (xx) Which radiation is the most penetrating?
- a) Alpha
c) Gamma
- b) Beta
d) Delta

Group-B

(Short Answer Type Questions)

5 x 7=35

2. Brief on -Protectives,Cathartics,Laxatives,Purgatives (5)
 3. Write a short note on antacid. (5)
 4. Describe in detail about copper sulphate and sodium potassium tartarate. (5)
 5. Define isotonic, Hypctonic and Hypertonic solution with example. (5)
 6. Describe a short note on Physiological Acid Base balance. (5)
 7. Illustrate the preparation process of NH_4Cl as acidifying agents and its properties and uses (5)
- OR**
- Distinguish Acid and base according to Lewis Acid Base concept. (5)
 8. Define Impurity and state some examples. (5)
- OR**
- Define emetics. Mention the mechanism of emetics. (5)

Group-C
(Long Answer Type Questions)

10 x 2 = 20

9. a) What are antidotes -3M ? b) Discuss the role of sodium nitrate as an antidote for cyanide poisoning.-7M (10)

10. Explain the preparations, properties and uses of any two of the following : a. Ammonium chloride b. Copper Sulphate c. Ferrous Sulphate d. Activated charcoal e. Zinc Sulphate (10)

OR

a) Explain the Bronsted-Lowry theory. Mention the limitations of Lewis theory. Give an example of two Lewis acid. b) Explain the buffer action of Acidic buffer. What is the principle of limit test of iron? (10)

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