



## Blue Print (As per PU Board)

| Topic                      | 1 mark questions | 2 marks questions | 3 marks questions | 5 marks questions | Total Marks |
|----------------------------|------------------|-------------------|-------------------|-------------------|-------------|
| Chemistry in Everyday Life | -                | 2                 | -                 | -                 | 4           |

**Two marks questions**

- What are food preservatives? Give an example.**  
 Answer: They prevent spoilage of food. (1 mark)  
 Eg: Table salt or sugar or sodium benzoate (1 mark)
- Give one example each for (i) Antiseptic (ii) Synthetic detergent**  
 Answer: (i) Dettol or Soframicine (1 mark)  
 (ii) Sodium lauryl sulphate or Cetyl tri methyl ammonium bromide (1 mark)
- What are tranquilizers? Give an example.**  
 Answer: Tranquilizers are the drugs which are used to reduce stress, mild and severe mental disease (1 mark)  
 E.g.: Equanil or Valium or Veronal or meprobamate or chlorodiazepoxide (1 mark)
- What is a broad spectrum antibiotic? Give an example.**  
 Answer: Antibiotic which can kill or inhibit a wide range of gram positive and gram negative bacteria (1 mark)  
 E.g: Ampicillin or chloramphenicol or Amoxycillin or any other example (1 mark)
- Give an example for (i) an antacid (ii) an artificial sweetner**  
 Answer: (i) Ranitidine or Cimetidine (1 mark)  
 (ii) Asparatame (1 mark)
- What are antioxidants? Give an example.**  
 Answer: These help to preserve food by decreasing the action of oxygen on food (1 mark)  
 E.g. BHT (Butylated Hydroxyl Toluene) (1 mark)
- What are analgesics ? Give an example.**  
 Answer: These are drugs that reduce pain (1 mark)  
 E.g.: Aspirin or Morphine. (1 mark)
- What are antifertility drugs? Give an example.**  
 Answer: These are drugs used to control the population or birth control drugs (1 mark)  
 E.g. : Norethindrone or Novestrol (1 mark)
- What are detergents? Why are they preferred over soaps?**  
 Answer: Detergents are sodium or potassium salts of benzene sulphonic acids. They can be used in hard water as well as in acidic and cold conditions.
- Give one example each for:**
  - Anionic detergent**
  - Cationic detergent**
 Answer: (a) Sodium lauryl sulphate  
 (b) Cetyl trimethyl ammonium bromide
- Give one example each for**
  - Antifertility drugs**
  - Artificial sweetener**
 Answer: (a) Novestrol or Norethindrone  
 (b) Aspartame or saccharin or sucralose or Alitame
- What are Antimicrobials? Give an example.**  
 Answer: Drugs used to cure diseases caused by microbes or microorganisms like bacteria, virus fungi etc. (1 mark)  
 E.g: Prontosil or sulphapyridine (1 mark)