

PARUL UNIVERSITY
FACULTY OF PHARMACY
D. Pharm., October -2019 Examination

Year: 1

Subject Code: 08600102

Subject Name: Pharmaceutical chemistry-I

Date: 21/10/2019

Time: 10:00am to 01:00pm

Total Marks: 80

Instructions:

1. Figures to the right indicate maximum marks.
2. Make suitable assumptions wherever necessary.

Q.1 Multiple Choice Questions (MCQs) (1 Mark Each)**(20)**

1. The category of calcium gluconate is
 - a) Antacid
 - b) Calcium replenisher
 - c) Urinary acidifier
 - d) Respiratory stimulant
2. Green vitriol is synonym of _____.
 - a) Magnesium sulphate
 - b) Copper sulphate
 - c) Ferrous sulphate
 - d) Magnesium trisilicate
3. Bleaching powder is also known as _____.
 - a) Ammonium chloride
 - b) Calcium chloride
 - c) Zinc sulphate
 - d) Chlorinated lime
4. Isotopes defined by
 - a) Same no. of proton, different no. of neutron
 - b) Same no. Of neutron, different no. of proton
 - c) Same no. of proton, same no. of neutron
 - d) All of the above
5. Impurities in pharmaceutical preparation possibly due to which source
 - a) Raw material
 - b) Manufacturing process
 - c) Chemical instability
 - d) All of the above
6. Carbon dioxide is used as _____.
 - a) Inhalants
 - c) antimicrobials
 - b) Astringents
 - d) Protectives
7. Chemical formula of sodium nitrite is
 - a) NaOH
 - b) NaNO₂
 - c) NaNO₃
 - d) Na₂CO₃
8. Nitrous oxide having molecular formula
 - a) N₂O₂
 - b) N₂O
 - c) N₃O
 - d) N₂O₃
9. Lugol's solution is composed of
 - a) Iodine
 - b) Iodine and potassium iodate
 - c) Iodine and potassium iodide
 - d) Iodine and alcohol
10. An alpha particle is
 - a) An electron
 - b) One neutron and one proton
 - c) Two neutrons and two protons
 - d) An X-ray emission
11. AgNO₃ is used in the limit test of _____.
 - a) Chloride
 - b) Sulphate
 - c) Arsenic
 - d) Iron
12. The formation of purple color in the limit test for Iron due to formation of which complex
 - a) Ferric thioglycolate
 - b) Ammonium citrate
 - c) None
 - d) Ferrous thioglycolate
13. Alum is used as
 - a) Astringents
 - b) Inhalants
 - c) Emetics
 - d) Expectorants

