

Roll No.: _____

Enrolment No. _____

PARUL UNIVERSITY
SCHOOL OF PHARMACY
1st YEAR DIPLOMA PHARMACY
SECOND SESSIONAL THEORY EXAMINATION 2019-20

Subject Name: Pharmaceutical chemistry-I

Subject Code: 08600102

Time: 10:00 am to 11:00 am

Date: 21/12/2019

Total Marks: 20

Instructions:

1. Make suitable assumptions wherever necessary.

Q.1 Multiple Choice Question

(07)

- (1) _____ is used as protective for skin to prevent sunburn.
(a) Talc (b) ZnO (c) Calamine (d) TiO₂
- (2) Potash alum is used as _____.
(a) adsorbent & protective (b) astringent (c) antioxidant (d) disinfectant
- (3) _____ are types of antidote.
(a) chemical (b) mechanical (c) physiological (d) All of the above
- (4) Errors made by individual analyst is called as _____ error.
(a) personal (b) instrumental (c) random (d) accidental
- (5) Phenolphthalein is used in _____ titration.
(a) acid – base (b) complexometric (c) redox (d) precipitation
- (6) _____ electrolytes used in acid base imbalance.
(a) sodium citrate (b) potassium acetate
(c) sodium lactate (d) All of the above
- (7) _____ is used in treatment of dandruff & seborrhoeic dermatitis of scalp.
(a) talc (b) borax (c) selenium sulphide (d) silver nitrate

Q.2 Long Answer (any one)

(05)

- (1) Write a note on various sources of impurities in pharmaceutical substances.
- (2) Give classification of topical agents with examples and write mechanism of antimicrobials.

Q.3 Short Answers (any four)

(08)

- (1) Write short note on antidote.
- (2) Explain ORS.
- (3) Discuss official preparation of NaCl.
- (4) Give chemical name, formula and uses of chlorinated lime.
- (5) Write storage condition and different preparation of iodine
- (6) Write properties and uses of KMnO₄.