

Roll No.: _____

Enrolment No. _____

FARUL UNIVERSITY
SCHOOL OF PHARMACY

1st YEAR DIPLOMA PHARMACY

THIRD THEORY SESSIONAL EXAMINATION 2019-20

Subject Name: Pharmaceutical chemistry 1

Subject Code: 08600102

Time: 10:30 am to 11:30 am

Date: 09/03/2020

Total Marks: 20

Instructions:

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

Q.1 Multiple Choice Question

(07)

- (1) Sodium fluoride used as in dental product
(a) Anti caries agent (b) desensitizer (c) cleaning agent (d) polishing agent
- (2)..... Is antioxidant.
(a) SO₂ (b) NaHSO₃ (c) Na₂S₂O₅ (d) All of the above
- (3) Lugol's solution contain% of iodine.
(a) 2.5 (b) 05 (c) 10 (d) none.
- (4) CO₂ is stored incoloured metal cylinder
(a) white (b) black (c) blue (d) grey
- (5) Radio contrast material used is
(a) barium sulphate (b) calcium sulphate (c) zinc sulphate (d) magnesium sulphate
- (6) inert gas used to protect pharmaceuticals, oil, vitamins from air oxidation by displacing the air in containers.
(a) nitrogen (b) carbon dioxide (c) carbon monoxide (d) oxygen
- (7) calcium gluconate is used in
(a) calcium deficiency (b) hypocalcemia (c) both (d) none

Q.2 Long Answer (any one)

(05)

- (1) write the methods used for measurement of radio activity and explain in brief about G M Counter method.
- (2) Define and classify dental products. Write about NaF.

Q.3 Short Answers (any four)

(08)

- (1) Short note on ferrous sulphate.
- (2) Write a note on emetics.
- (3) Define expectorant and write about KI.
- (4) Write a note on antioxidant.
- (5) Define inhalants. write about nitrous oxide.
- (6) Define radioactivity and half life, give unit of radioactivity and different types of radition.