

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION MAY 2019
(Sixth Semester)

Branch- CHEMISTRY

CORE ELECTIVE - II : PHARMACEUTICAL CHEMISTRY

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 x 2 = 20)

- 1 What do you mean by chemotherapy?
- 2 What is food poisoning?
- 3 Write short notes on ibuprofen.
- 4 Write the uses of analgin.
- 5 **Define tranquilizer.**
- 6 Write the functions of barbiturates.
- 7 Define organic pharmaceutical aids.
- 8 Abbreviate AIDS.
- 9 What is meant by blood grouping?
- 10 Give any two examples of antihypertensive agent.

SECTION - B (25 Marks!)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 5 = 25)

- 11 a Discuss any one method of estimation of sugar.
OR
b Write a note on different routes of administration of drug.
- 12 a Give the preparation and functions of paracetamol.
OR
b Explain the mode of action and uses of sulpha drugs.
- 13 a Discuss the disinfectant property of phenolic compounds.
OR
b Define anaesthetic and briefly explain local intravenous anaesthetics.
- 14 a Write the various control measures of AIDS.
OR
b Write the uses of milk of magnesia.
- 15 a Discuss the composition of blood.
OR
b Write a note on coagulant and anticoagulant.

SECTION - C (30 Marks)

Answer any THREE Questions

ALL Questions Carry EQUAL Marks (3 x 10 = 30)

- 16 Describe the causes, symptoms and drug used in diabetes.
- 17 Draw the structure of chloramphenicol and penicillin. Mention their uses.
- 18 Write a note on recent advancements in cancer therapy.
- 19 Write medicinal importance of the compounds AI and P.
- 20 Write a note on :
(i) Blood clotting mechanism (ii) Cardiovascular drugs.