

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION DECEMBER 2018
• (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 Define Pharmacology.
- 2 Write the treatment for anemia.
- 3 Write the functions of paracetamol.
- 4 Draw the structure of penicillin,
- 5 Define Tranquilizer.
- 6 what is sedative drug?
- 7 Give any two uses of milk of magnesia.
- 8 Write the medicinal uses of ferrous sulphate.
- 9 Give the normal blood pressure range for adult.
- 10 What is pH value of blood?

SECTION - B (25 Marks)

Answer **ALL** Questions

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

- 11 a What is food poisoning? Write the causes and symptoms of mushroom poisoning.
; OR
b Write the causes, symptoms and treatment of cholera.
- 12 a Define and give examples for (i) antipyretic (ii) antibiotic (2.5+2.5)
OR
b draw the structure of streptomycin. Mention its uses.
- 13 a Define and differentiate antiseptic and disinfectants.
OR
b Discuss.the antineoplastic drug with examples.
- 14 a Give structure and functions of aminohippuric acid.
OR
b Write preventive measures of AIDS.
- 15 a Discuss the functions of plasma protein.
OR
b Write a note on antirhythmic agents.

SECTION - C (30 Marks)

Answer any **THREE** Questions

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

- 16 Explain the estimation cholesterol and protein in serum. (5+5)
- 17 Write a note on: i) ibuprofen ii) pethidine iii) sulphanilamide (3+3+4)
- 18 Discuss the phenolic compounds which are used disinfectants.
- 19 Discuss in detail about the medicinally important compound of arsenic.