

Exam Date & Time: 01-Oct-2020 (10:00 AM - 01:45 PM)



PSG COLLEGE OF ARTS AND SCIENCE

Note: Writing 3hrs: Checking & Inserting Image : 30mins + Grace Time : 15mins

BSc DEGREE EXAMINATION MAY 2020
(Sixth Semester)

Branch - CHEMISTRY

.CORE ELECTIVE - II - PHARMACEUTICAL CHEMISTRY [14CHU25A]

Marks: 75

Duration: 225 mins.

SECTION A

Answer all the questions.

- 1) What do you understand by botulism? (2)
- 2) Write the symptoms of diabetes. (2)
- 3) Define antipyretic drug. (2)
- 4) Write the uses of sulphanilamide. (2)
- 5) What do you mean by sedative drugs? (2)
- 6) Name the phenolic compounds as a function of disinfectant. (2)
- 7) Write the medicinal uses of milk of magnesia. (2)
- 8) Abbreviate HIV. (2)
- 9) What is Rh factor? (2)
- 10) What is anti-coagulant? (2)

SECTION B

Answer all the questions.

- 11) Define the following terms: (i) Drug (ii) Pharmacology (iii) Therapeutics. (5)
 - a) [OR] Discuss the method of estimation of protein in serum. (5)
 - b)
- 12) Discuss the therapeutic functions of paracetamol and analgin. (5)

- a)
[OR] Draw the structure and write the uses of cephalosporin. (5)
b)
- 13) Compare antiseptic and disinfectants. (5)
- a)
[OR] Discuss briefly about recent developments in cancer therapy. (5)
b)
- 14) Mention the medicinal uses of compounds of Hg. (5)
- a)
[OR] Write a note on organic pharmaceutical aids. (5)
b)
- 15) Discuss the composition of blood. (5)
- a)
[OR] Discuss in detail on, "Cardiovascular drugs". (5)
b)

SECTION C

Answer 3 out of 5 questions.

- 16) What are the factors which causes tuberculosis? Describe its symptoms. Suggest the drugs to treat tuberculosis. (10)
- 17) Define the term antibiotis. Give the structure and uses of streptomycin and chloramphenicol. (10)
- 18) Define anaesthetics. Write a note on local intravenous anaesthetic drug. (6)
- a)
b) Give the definition and examples for tranquilizer. (4)
- 19) Discuss in detail about causes, prevention and reatment of AIDS. (10)
- 20) Describe the functions of plasma protein. (5)
- a)
b) Define antihypertensive and anti-rhythemic agents. (5)

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