

PSG COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2022
(Sixth Semester)

Branch – BIOTECHNOLOGY

BIOPHARMACEUTICALS

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry **EQUAL** marks.

$$(10 \times 1 = 10)$$

Cont.

SECTION - B (25 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 5 = 25)

11 a What is allopathy?

OR

b Write the short notes on siddha.

12 a Give some points about Pharmacodynamics.

OR

b Give the short notes on drug receptors.

13 a Write the short notes on drug development cycle.

OR

b What are the different methods of plant extraction?

14 a Write the short notes on pharmaceutical products of recombinant dna.

OR

b Write the importance of good manufacturing practices.

15 a Explain production therapeutic hormones insulin.

OR

b Explain tumor necrosis factor.

SECTION - C (40 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 8 = 40)

16 a Give brief report on Siddha medicine.

OR

b Write the classification of drug based on ATC system.

17 a Write an essay on ADMET.

OR

b Elucidate liver detoxification process.

18 a Give detailed account on capsule preparation.

OR

b Write enumerate the FDA's Drug Review Process.

19 a Explain the therapeutic vaccine manufacturing Process.

OR

b Explain biopharmaceuticals derived from genetically modified plants.

20 a Write down the Uses and Benefits of biopharmaceuticals in treatment of health disorders.

OR

b Briefly explain oils used in aromatherapy.

Z-Z-Z

END