

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2018
(Fifth Semester)

Branch - BIOTECHNOLOGY

IPR, BIOSAFETY AND BIOETHICS

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(10 x 2 = 20)

- 1 • What is WTO?
- 2 Define Patent.
- 3 What is Biodiversity?
- 4 What are herbals?
- 5 What is Bt cotton?
- 6 Define bioethics.
- 7 What is biosafety?
- 8 Define IVF.
- 9 Explain biohazards.
- 10 What is bioterrorism?

SECTION - B (25 Marks!)

Answer ALL Questions

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

- 11 a Write note on patents in IPP.
OR
b List out the benefits of patenting.
- 12 a Write notes on basmati and its issues.
OR
b How will you protect traditional knowledge?
- 13 a Write note on controversy of Bt rice.
OR
b Describe about bioethics and its significance.
- 14 a Write notes on cloning.
OR
b What are the safety related issues in pharmaceuticals?
- 15 a Write notes on biological weapons and its effects.
OR
b Describe about genetic discrimination of laws.

SECTION - C (30 Marks!)

Answer any THREE Questions

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

- 16 Write an essay on patent biotechnology.
- 17 Give an account on geographical indicators.
- 18 Write an essay ethical issues in agriculture.
- 19 Discuss on safety in biological laboratories.
- 20 Give an account on biohazards in Biotechnology.