

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION)

CLASS: MSC
BRANCH: BT

SEMESTER : III
SESSION : MO/19

SUBJECT: BT503 BIOSAFETY, BIOETHICS AND IPR

TIME: 3 HOURS

FULL MARKS: 50

INSTRUCTIONS:

1. The question paper contains 5 questions each of 10 marks and total 50 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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- Q.1(a) Describe different forms of Intellectual Property Rights? [5]
Q.1(b) Describe, what is patentable and what can't be patented? [5]
- Q.2(a) Why should I go in for an International Patent? [5]
Q.2(b) What does a patent application consist of? [5]
- Q.3(a) Discuss about patent filing procedure in India. [5]
Q.3(b) State the advantages of PCT filing of a patent application. [5]
- Q.4(a) Draw a schematic diagram of Biosafety level 3 lab. [5]
Q.4(b) List and describe about five personal safety equipment's. [5]
- Q.5(a) Define GMO. What are the advantages of GMO? [5]
Q.5(b) Describe few points about the ethical uses related to Biotech medicine. [5]

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