



Name :

Roll No. :

Invigilator's Signature :

CS/M.TECH (PBIR)/SEM-3/MBT-308/2012-13
2012
IPR

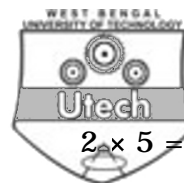
Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

1. Answer any *ten* of the following : 10 × 2 = 20
- a) What is Property ?
 - b) What is Intellectual Property ?
 - c) What is Copyright ?
 - d) What is Trade Mark ?
 - e) What is Geographical Indication ?
 - f) What is Traditional Knowledge ?
 - g) What is Bio-piracy ?
 - h) What is Utility ?
 - i) What is State of the Art ?
 - j) Who is person skilled in the art ?
 - k) What is Public Domain ?
 - l) What is Design ?



2. Answer any *two* of the following :

2 × 5 = 10

- a) What is Patent ? What are the essential features of Patent ? What are the objectives of Patent ? 1 + 2 + 2
- b) What is Novelty and how to determine Novelty ? 2 + 3
- c) What is Inventive Step and how to determine Inventing Step ? 2 + 3
- d) What is the procedure for granting of Patent ?

3. Answer any *one* of the following :

1 × 10 = 10

- a) Pradip has invented a chemical which relaxes uterus during child birth. Is it patentable ? Pradip has also invented synthetic heart. Is it patentable ? 5 + 5
- b) A patent application is related to a process for extracting Neem oil from Neem seeds comprising the following steps :
 - i) Treating crushed Neem seeds in a solvent at a temperature between 40-60 degree Celsius to obtain oil cake free from bitter and odoriferous constituents.
 - ii) Drying the oil cake by solvent extraction having 80-90% ethanol concentration. The opposition filed on the basis of prior published document from a book entitled 'Oil Extraction' disclosing therein extraction of seed with 70% of alcohol to remove bitter and odoriferous compounds to recover good quality of oil.

Examine novelty and inventive step criteria.

10



4. Answer *all* the questions :

a) What is the contribution of Diamond vs. Chakrobarty ?

b) Discuss the issue of evergreening. 10 + 10

5. Decide the following situation : 10

Bashaka is a medicinal plant known for its effectiveness in cold and cough. A pharmaceutical company has identified its active ingredient to prepared more effective pharmaceutical product and has applied for a product and process patent. Should patent be granted ?

=====