Total No. of Questions : 14 ]

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# M. PHARMACY (SUPPLE) DEGREE EXAMINATIONS, JANUARY - 2022

## First Semester

## INDUSTRIAL PHARMACY

## INTELLECTUAL PROPERTY RIGHTS

Time : **Three Hours** Maximum : **75** Marks

### SECTION - A

**Answer any FIVE Questions.** **5x5 = 25 M**

1. Define Patent and explain Non-obviousness in patent.
2. Briefly outline the salient features of GATT.
3. Write a short note on Trademark with examples.
4. Write a brief note on MHRA.
5. Explain briefly the regulations for Biosimilars.
6. Outline the guidelines for preparation of Laboratory note book.
7. Write a brief note on WIPO.

### SECTION - B

**Answer any FIVE Questions.** **5x10 = 50 M**

8. Discuss different types of patents and explain the Filling process of patents.
9. Write a detailed note on TRIPS.
10. Define IPR. Discuss various types of IPRs with examples.
11. Briefly outline the regulatory requirements for contract Research Organization.
12. Give an account on structure, functions and responsibilities of CDSCO.
13. Explain the need for patenting and conditions to be satisfied by an invention to be patentable.
14. Discuss the objectives, structure, role and importance of TGA.

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Total No. of Questions :14] [Total No. of Pages : 02

# M.PHARMACY (Regular) DEGREE EXAMINATIONS, FEB/MAR-2020

## First Semester

## M.PHARMACY

## INDUSTRIAL PHARMACY

## INTELLECTUAL PROPERTY RIGHTS

**Time: Three Hours** **Maximum marks:75**

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### SECTION-A

**Answer any FIVE Questions** **5X5=25M**

1. Write about patentable inventions with suitable examples.
2. Write the salient features of TRIPS.
3. Give the differences between trade mark and copy right giving suitable examples.
4. Write about ANVISA.
5. What are biosimilars and mention their importance.
6. Give the salient differences between WHO and USFDA approval process for NDA
7. Give the significance of laboratory note book and guidelines to be followed.

### SECTION-B

**Answer any FIVE Questions** **5X10=50M**

8. Explain the approval process for Indian patent.
9. Write about Drug Technical Advisory Board and its role in drug regulations.
10. Write about WIPO patenting.
11. Explain the role of CDSCO in new drug approval process.

**P.T.O**

12. What is a contract research organization and explain the regulatory requirements to be followed by these organizations.

13. Explain the role of GATT in protecting the intellectual property rights.

14. Write about the following

    a) Patent search

    b) Non-obviousness in patent

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# I/II M.PHARMACY (Regular) DEGREE EXAMINATIONS, FEB-2019

## First Semester

## M.PHARMACY (INDUSTRIAL PHARMACY)

## INTELLECTUAL PROPERTY RIGHTS

**Time: Three Hours** **Maximum marks:75**

### SECTION-A

**Answer any FIVE Questions** **5X5=25M**

1. Write the essential elements of patent.
2. What is GATT? Explain its objectives.
3. Write the role of WHO in facilitating patents.
4. Define Copyright and Trademark with examples.
5. Briefly outline the role of TGA in regulating therapeutic goods.
6. Outline the role & and responsibilities of CDSCO.
7. Briefly outline the different strategies for using contract Research Organization.

### SECTION-B

**Answer any FIVE Questions** **5X10=50M**

8. Write a detailed note on TRIPS.
9. Enumerate different parts of patent and explain filling of patents.
10. Mention different types of Intellectual property rights and add a note on major bodies regulating Indian pharmaceutical sector.
11. Write a note on MHRA and ANVISA.
12. Discuss the regulations for Biosimilars.
13. Discuss the guidelines for preparation of laboratory note book.
14. Give an accocunt on (a) WIPO (b) MCC