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H-4444C

M.Sc. (Semester-IV) Examination, July 2022

(Intellectual Property Rights, Bioethics & Management)

Time Allowed : Three Hours

Maximum Marks : 70

Minimum Passing Marks : 25

Note : Question paper is divided into four sections. Attempt question of all four sections as per given direction. Distribution of marks is given in each section.

SECTION - A

(Objective Type Questions)

Note : Attempt **any ten** questions. Each question carries **1** mark.

[10×1=10]

1 (i) Trademark Act, came into force on ____ .

(ii) TRIPS stands for ____ .

(iii) ____ plans have clearly defined objectives.

(a) Flexible

(b) Specific

(iv) IPR protect the use of information and ideas that are of :

(a) Social value

(b) Moral value

(c) Commercial value

(d) Ethical value

(v) Planning is based on :

(a) Decision-making

(b) Forecasting

(c) Staffing

(d) Organizing

(vi) Which of the following was the key aim of scientific management?

(a) To increase worker control of production

(b) To increase productivity

(c) To decrease absenteeism

(d) To develop time-and-motion studies

(vii) Which protects the intellectual property created by inventors?

(a) Copyright

(b) Geographical indications

(c) Patents

(d) Trademarks

(viii) A company decides to use a logo that has the same shape as its competitor but with a different color. It is a violation of :

(a) Geographical indications

(b) Trademark

(c) Patent

(d) Industrial designs

(ix) Under TRIPS protection for copyright is for :

(a) 20 years after death of the author

(b) 30 years after death of the author

(c) 40 years after death of the author

(d) 50 years after death of the author

(x) The following can be patented :

(a) Machine

(b) Process

(c) Composition of matter

(d) All of the above

(xi) Exchange of ideas, opinions, information etc. between two or more persons is ____ .

(a) Planning

(b) Organizing

(c) Communication

(d) Staffing

(xii) The management function which regulates the activities :

(a) Co-ordination

(b) Control

(c) Direction

(d) Planning

SECTION - B

(Very Short Answer Type Questions)

Note : Attempt **any five** questions. Each question carries **2** marks. (Maximum word limit is **25-30** words) [2×5=10]

2. (i) Write four characteristics of management.

(ii) What is bioethics and why is it important?

(iii) What are the four types of plans?

(iv) Why is IPR important?

(v) What is Copyright?

(vi) What are the stages of a patent?

(vii) What are the types of organizational structure?

SECTION - C

(Short Answer Type Questions)

Note : Attempt **any five** questions. Each question carries **4** marks. (Maximum word limit is **250** words) [5×4=20]

3. (i) What are the different types of intellectual property?

(ii) Explain ethical issues related to biomedical research.

(iii) Explain different level of management.

(iv) Explain various types of organization.

(v) What are Budapest treaties and its function?

(vi) What is the purpose of the GATT agreement?

(vii) Explain difference between management and administration.

SECTION - D

(Essay Type Questions)

Note : Attempt **any three** questions. Each question carries **10** marks. (More than **500** words) [10×3=30]

4. (i) Write a note on need of GMOs and social issues in Biotechnology.

(ii) Explain types, steps and importance of planning in detail.

(iii) Explain basics of patent and patent filing procedures in detail.

(iv) Write a note on nature and characteristics of management in detail.

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