

**B.Sc. BIOTECHNOLOGY
FOURTH SEMESTER (REPEAT)
ENTREPRENEURSHIP DEVELOPMENT & IPR
BBT-405**



Duration: 3 hrs.

Full Marks: 70

(Objective)

Time: 30 mins.

Marks: 20

Choose the correct answer from the following:

1 × 20 = 20

1. "Assam Tea" can be registered and protected by which class of Intellectual Property Rights?
 - a. Trademark
 - b. Patents
 - c. Plant Variety Protection Act
 - d. Geographical Indication
2. Which of these is NOT a type of entrepreneurship?
 - a. Intrapreneurship
 - b. Large scale entrepreneurship
 - c. Scalable entrepreneurship
 - d. Small business entrepreneurship
3. What happens after a term period for a patent expires?
 - a. The government takes over the complete monopoly for the invention
 - b. The invention becomes available and free to use by general public
 - c. The creator/inventor can apply for extending the term period of the patent
 - d. The invention is completely removed from the market or any other platform immediately and forever
4. Which of these is NOT a challenge for the entrepreneur?
 - a. Recruiting new employees
 - b. Managing the cash flow of their business
 - c. Formulating rules and regulations relating to conducting entrepreneurship in their country
 - d. Choosing the product or service to sell in the market
5. The importance of I.P was first recognized in the Paris convention for the protection of:
 - a. Industrial Property
 - b. Literature and Artistic Works
 - c. Product and Property
 - d. All of the above
6. Which of these is NOT a category of external forces that affects a business?
 - a. Competitive forces
 - b. Economic forces
 - c. Socio-economic forces
 - d. Technological forces
7. The copyright applies to forms of expression contained in:
 - a. Songs, lyrics and musical composition
 - b. Sculptures and paintings
 - c. Dramatic and literary works
 - d. All of the above
8. The process of creating something new is called:
 - a. Innovation
 - b. Discovery
 - c. Patent
 - d. All of these

9. Which of the following options are correct?
 Assertion: Patents protect inventions.
 Reason: Intellectual property rights are descriptive of the character of the things that it protects.
- a. A is true but R is false
 b. A is false but R is true
 c. Both A and R are true and R is not the correct explanation of A
 d. Both A and R are true and R is the correct explanation of A
10. Entrepreneurship Development Program is helpful for:
 a. First-generation entrepreneurs
 b. Second-generation entrepreneurs
 c. Future-generation entrepreneurs
 d. All of these
11. An invention claimed in a Patent is obvious if:
 a. The skilled person could, without undue burden, have developed the claimed invention
 b. Once the skilled person had been directed to come up with a solution to the problem solved by the invention, he/she would have found the claimed invention
 c. If the skilled person, working for a particular piece of prior art and bearing in mind common general knowledge would have identified a problem to be solved and in solving it found the claimed invention
 d. The prior art contains a clear signpost to seek development in the area of the invention.
12. Agriculture entrepreneurship related to:
 a. Food
 b. Food and agriculture
 c. Both a & b
 d. All of these
13. The term of patent (validity) is counted from:
 a. The day of publishing of patent application
 b. The day of filing application
 c. The day patent is granted
 d. None of the above
14. Not-profit activities for social welfare is:
 a. Imitative Entrepreneur
 b. Social entrepreneur
 c. Novice Entrepreneur
 d. Drone entrepreneur
15. If a company develops a new technology that improves its main product, what type of IP can be used for its protection?
 a. Patent
 b. Copyright
 c. Trademark
 d. None of the above
16. Which is the function of an entrepreneur?
 a. Risk management
 b. Human resource management
 c. Innovation
 d. All of these
17. Which of the following cannot be copyright?
 a. An idea
 b. Literary works
 c. Artistic works
 d. Dramatic works

118. Entrepreneurship canthe unemployment.
- a. Increase
 - b. Decrease
 - c. Enrich
 - d. All of these
119. Plant Patent is granted to:
- a. Person who has created or discovered a new and distinct asexually propagated plants
 - b. Farmers
 - c. R&D
 - d. All of the above
120. Which of the following is most important for marketing?
- a. Need
 - b. Demand
 - c. Both a & b
 - d. None of these

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(Descriptive)

Time : 2 hr. 30 mins.

Marks : 50

[Answer question no.1 & any four (4) from the rest]

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| 1. Explain in brief about the different forms of 'intellectual property rights' for protection of Industrial properties? Write in details about one of the international organizations (related to IP) of which India is a part. | 5+5=10 |
| 2. Give details accounts of Guidelines and Concepts of Entrepreneurship. | 10 |
| 3. Give details accounts of Product selection. | 10 |
| 4. Write in brief about two treaties administered by WIPO. Explain the different rounds of negotiations that took place under WTO. | 5+5=10 |
| 5. Describe the steps in details of product design and process development. | 10 |
| 6. Explain in details about the benefits as well as importance of Intellectual property rights. | 5+5=10 |
| 7. Describe in details how marketing concept plays a major role in Bio-Entrepreneurship. | 10 |
| 8. What were the changes in Indian Patent Laws Post TRIPs Agreement? Write down about the patentable and non-patentable ingredients in Biotechnology. | 5+5=10 |

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