School of Computing Science and Engineering
Bachelor of Technology in Computer Science and Engineering
Semester End Examination - Nov 2023

Duration : 180 Minutes
Max Marks : 100

Sem VII - BTCS4801 - Research Methodology and IPR

General Instructions
Answer to the specific question asked
Draw neat, labelled diagrams wherever necessary
Approved data hand books are allowed subject to verification by the Invigilator

1) Identify the features that define good research problems. | K1 (2)

2) Classify the different types of patents granted based on the nature of innovations they cover, providing examples of each. | K2 (4)

3) Explain the role of intellectual property offices in the patent granting process. | K2 (6)

4) Determine the main criteria that an invention must meet in order to be eligible for patent protection? | K3 (9)

5) Illustrate how do patent rights contribute to technology transfer and the dissemination of knowledge in various industries? | K3 (9)

6) Justify the need for international cooperation in the field of intellectual property. How does such cooperation benefit both developed and developing nations? | K5 (10)

7) Outline the role of patent databases in the context of intellectual property management. How do these databases contribute to innovation and research? | K4 (12)

8) Justify the understanding of good research design. Processing of data implies editing, coding, classification, and tabulation. Describe in brief in these operation in contexts of research study | K5 (15)

9) Explain research objectives with suitable examples | K5 (15)

10) Elaborately discuss the various approaches adopted by researchers in solving problems stated by them. | K6 (18)