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Question Paper Code: 4022335
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M.E. / M.Tech. DEGREE EXAMINATIONS, NOV/ DEC 2024

Second Semester

CAD/CAM

P20CC264 – RESEARCH METHODOLOGY

(Regulation 2020)

Time: Three Hours

Maximum: 100 Marks

Answer ALL questions

PART – A

(10 x 2 = 20 Marks)

1. What do you mean by Research?
2. What are the objectives of Research Problem?
3. What are the primary goals of conducting a literature review in academic research?
4. List the types of Analysis.
5. What is technical writing?
6. How to write a research proposal?
7. What is the role of the World Intellectual Property Organization (WIPO)?
8. Why is documentation important in the IPR development process?
9. How has the concept of IPR evolved over time?
10. What is the Convention on Biological Diversity (CBD)?

PART – B

(5 x 16 = 80 Marks)

11. (a) Explain different sources of research problem by giving suitable examples under source. (16)

(OR)

- (b) Explain the common errors committed by researchers in selecting the research problem. (16)

12. (a) Identify the steps involved to conduct literature review for research and explain each one brief. (16)

(OR)

- (b) Discuss the importance of critical literature review and its uses in planning innovation research. (16)

13. (a) Explain essential features of report writing, highlighting the importance and implication of research outcomes. (16)

(OR)

- (b) Analyze the criteria considered by a review committee in assessing a research proposal. (16)

14. (a) Discuss Radical Innovation and Incremental Innovation by quoting real time examples. (16)

(OR)

- (b) Explain the significance of international cooperation on intellectual property. (16)

15. (a) Explain the geographical indications of patent Rights. (16)

(OR)

- (b) Analyze the usage of traditional knowledge in getting patents by quoting two case studies. (16)