

Code No.: MC107

R20

H.T.No.

8

R

CMR ENGINEERING COLLEGE:: HYDERABAD  
UGC AUTONOMOUS

I-M. Tech I-Semester Supply Examinations, October- 2021

RESEARCH METHODOLOGY AND IPR

(Common for CSE, VLSI Design)

[Time: 3 Hours]

[Max. Marks: 70]

1. Answer Any **FIVE** Questions. Each Question Carries 14 Marks
2. All Questions Carry Equal Marks
3. Illustrate your answers with NEAT sketches wherever necessary.

5X14=70

- |      |   |     |
|------|---|-----|
| 1 a) | Define Research problem. Explain in brief about the characteristics of a good Research problem? | 7M  |
| b)   | What are the errors in selecting a research problem?  | 7M  |
| 2 a) | Discuss in brief about Effective Literature study approaches?                                   | 7M  |
| b)   | Why do we need plagiarism in Research studies?  | 7M  |
| 3 a) | How to write a technical paper and report   | 7M  |
| b)   | Describe in brief about Developing a Research proposal and its format?                          | 7M  |
| 4 a) | Explain in brief about the Process of Patenting and Development.                                | 7M  |
| b)   | Write in brief about the Procedure for grants of patents(7)                                     | 7M  |
| 5 a) | Define Patent Rights. Describe in brief about Scope of Patent Rights                            | 7M  |
| b)   | What are the new Developments in IPR: and write about Administration of Patent System           | 7M  |
| 6    | Explain in brief about types of Research methodologies?   | 14M |
| 7    | Describe in brief about the approaches of investigation of solutions for research problem?      | 14M |
| 8 a) | Explain in brief about Research ethics?   | 7M  |
| b)   | Write in brief about IPR of Biological Systems?   | 7M  |

