

Rajiv Gandhi University of Health Sciences, Karnataka**Ph.D ENTRANCE EXAMINATION 06-Mar-2020****PAPER-II****FACULTY: PHARMACY****SUBJECT: INDUSTRIAL PHARMACY****TIME: 90 Minutes****MAX. MARKS: 50 Marks****SPECIALITY SUBJECT QP CODE - P001**

Your answer should be specific to the Questions asked

ANSWER ALL THE FOLLOWING QUESTIONS**10X5=50 Marks**

1. Explain various factors which influence consolidation during tablet compression
2. Describe the selection criterias for excipients and preformulation of suspensions
3. Explain different methods of drug-excipient compatibility studies
4. Explain sterilization procedures for biotechnological products
5. Explain the various safety measures to be taken in an pharmaceutical industry
6. Write a detailed note on TRIPS and TRIMS
7. Explain different methods of improvement of solubility
8. Describe the impact of particle size, moisture content on strength of tablets
9. Describe the importance of literature survey in research methodology
10. What is plagiarism? Explain various softwares in detecting plagiarism

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