



**JBR-014-0032008**

Seat No. \_\_\_\_\_

**Master of Pharmacy Management (Sem. XI)  
(W.E.F. 2014-15 & 2015-16) (CBCS) Examination**

**January - 2020**

**Fundamentals of R & D Management - II**

**Faculty Code : 014**

**Subject Code : 0032008**

Time : 3 Hours ]

[ Total Marks : 80

- Instructions :**
- (1) Attempt three questions from each section.
  - (2) Questions 1 and 5 are compulsory.
  - (3) Figures to the right indicate full marks for the respective question.
  - (4) Draw neat and clean diagram when required.

**SECTION - I**

- 1 Answer the following questions : (any seven) 14**
- (1) Define Research.
  - (2) Explain term Database.
  - (3) Define Duplication of Facilities.
  - (4) Explain Project evaluation.
  - (5) Describe Commercialization.
  - (6) What do you mean by Strategic Alliance?
  - (7) Explain Brain storming.
  - (8) Write a meaning of Technology Transfer.
  - (9) What is included in Infrastructural Resources?
  - (10) Explain what turnkey projects is?
- 2 Answer the following questions :**
- (1) What is Research and Development? Discuss characteristics of good research. **7**
  - (2) Define Joint venture and explain its importance. **6**

- 3** Answer the following questions :
- (1) Explain the revolution of project ideas for national and social needs. **7**
  - (2) Discuss regularity aspect of Ownership issue and Material transport issue. **6**

- 4** Answer the following questions :
- (1) For taking effective Marketing decisions R&D is useful or not? How? **7**
  - (2) How you will use R&D in Manufacturing? Explain with suitable example. **6**

## SECTION - II

- 5** Answer the following questions : (any two) **14**
- (1) Explain the process of Project Selection.
  - (2) Discuss the Development gaps in research reproducibility.
  - (3) How to avoid duplication in Project Selection. - Explain.

- 6** Answer the following questions :
- (1) Effective Database Management is a key to success. - Discuss. **7**
  - (2) Explain Networking and strategic tie-ups. **6**

- 7** Answer the following questions :
- (1) Define Research and Development and its Issues in detail. **7**
  - (2) What is Strategic Alliances? Explain purpose for Strategic Alliances. **6**

- 8** Answer the following questions :
- (1) Discuss meaning and significance of Research Commercialization. **7**
  - (2) Explain in detail : Transfer of technology with reference to R & D. **6**