



HDY-02011243

Seat No. _____

M. Pharm. (Sem. III) (CBCS) (External) Examination

November / December – 2017

Research Methodology (Theory)

Time : 3 Hours]

[Total Marks : 80

- Instructions :**
- (1) Answer and tie up both the sections separately.
 - (2) Figures to the right indicates marks.
 - (3) Answer the three (03) questions from each section.
 - (4) Question one (01) and question five (05) are compulsory.
 - (5) Draw neat and clean diagrams as required.

SECTION - I

- 1** Answer the following : (any **seven**) **14**
- (a) Define Qualitative and Quantitative studies in Research methodology.
 - (b) Describe in brief use of library catalogue for literature survey.
 - (c) Enlist the different part of Thesis and Articles.
 - (d) Explain objective and stages of the research.
 - (e) Mention different types of sources for literature survey.
 - (f) Enlist different funding agency for research grant.
 - (g) Explain H index and citation with suitable example.
 - (h) What is fixed cost, variable cost and total cost?
 - (i) Enumerate the criteria for Good Title?
 - (j) Mention DOI with its purpose?
- 2** Answer the following :
- (a) Define Hypothesis and describe types, characteristics and functions of Hypothesis. **7**
 - (b) Explain purpose and objectives of research in pharmacy. **6**

- 3** Answer the following :
- (a) Describe different reference styles used in writing research paper with example. **7**
- (b) Describe AICTE schemes for research funding. **6**
- 4** Answer the following :
- (a) Discuss in detail "Result" section of thesis. **7**
- (b) What is research problem? Explain criteria for selection of research problem? **6**

SECTION - II

- 5** Answer the following : (two out of three) **14**
- (a) Importance of footnote in research methodology
- (b) Oral presentation skills
- (c) Cost analysis of Project
- 6** Answer the following :
- (a) Describe different techniques of Documentation. What is the importance of Computer in documentation? **7**
- (b) Discuss in detail different types of reference style with its features. **6**
- 7** Answer the following :
- (a) Draw a flow chart for peer review process and discuss about it. **7**
- (b) Describe importance of Data analysis in research. **6**
- 8** Answer the following :
- (a) Describe the importance of Industry Institute Interaction Cell. Explain the activities of IIIC. **7**
- (b) Describe significance of patent search in research. **6**