



HU-02011243 Seat No. _____

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

June/July - 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** Explain the following term with suitable example **14**
(Any seven)
- a) Write formula to determine impact factor with example.
 - b) What is DOI? What is its purpose?
 - c) What do you mean by structural abstract?
 - d) Explain objective and stages of the research.
 - e) What is good Title?
 - f) What is fixed cost, variable cost and total cost?
 - g) What do you mean by quantitative studies ?
 - h) What is difference between Harvard and Vancouver referencing system?
 - i) Explain the term
 - 1) I10 index
 - 2) Plagiarism
 - j) Explain H index and citation with suitable example.

- 2** Answer the following :
- a) Write informative note on cost analysis for research project. **7**
 - b) Enlist various funding bodies for the grants of research in India. Discuss in detail any two. **6**
- 3** Answer the following :
- a) Write various important points in writing results, materials and methods in manuscript. **7**
 - b) Write detail note on how to write discussion in manuscript description. What precaution should be taken in writing tables and figures? **6**
- 4** Answer the following :
- a) What is literature review? Discuss in brief about criteria of a good research problem. **7**
 - b) Describe importance and techniques of documentation in the research. **6**

SECTION - II

- 5** Answer any two out of three : **14**
- a) Discuss in detail oral presentation skills (formatting, animation, contents, audience etc.. point of view)
 - b) Describe how the research proposal for funding is prepared.
 - c) Write a short note on Result section of thesis.
- 6** Answer the following :
- a) Draw a flow chart for peer review process and discuss about it. **7**
 - b) What is conflict of interest? How will you detect impact factor? Mention its types with examples. **6**
- 7** Answer the following :
- a) Discuss importance of Industrial-institution interaction in research. **7**
 - b) What are tools in research? Describe the key points in questionnaire design. **6**

8 Answer the following :

- a) Discuss in detail different types of reference style with its salient features. **7**
- b) Write an informative note on preparation of good power point presentation. **6**
