

**Pre. Ph.D. Course Work (2017 Course) : (Common for All Ayurved
Faculty) : SUMMER - 2019**

**SUBJECT: PAPER – I: RESEARCH METHODOLOGY / Rachana Sharira/ Dravyaguna
Vigyana/ Kayachikitsa/ Roga Nidana Evam Vikriti Vigyana/ Panchakarma/ Agadtantra/
Kriya Sharira/ Rasa Shastra Evam Bhaishajya Kalpana/ Ayurveda Samhita Evam
Siddhant/ Shalaky Tantra/ Shalya Tantra/ Prasutitantra & Stree Rog/ Swasthavritta**

Day: Monday
Date: 22/04/2019

S-2019-5309

Time: 10.00 AM TO 1.00 PM
Max. Marks: 100

N.B.:

- 1) Attempt any **FIVE** questions from each section.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer book.
- 4) Draw neat labelled diagrams **WHEREVER** necessary.

SECTION-I

- Q.1** Write about priority areas of research in Ayurved. (10)
- Q.2** Write definition and classification of Research. (10)
- Q.3** Write importance of drug research. (10)
- Q.4** Write about role and responsibilities of Institutional Human Ethics committee. (10)
- Q.5** Write process of submission of manuscript for publication in scientific journal. (10)
- Q.6** Write phase wise clinical research with examples. (10)

SECTION-II

- Q.7** Write a note on a] Animal house b] Questionnaire (10)
- Q.8** Define probability and explain the laws of probability in detail. (10)
- Q.9** Explain various methods of sampling and sample size calculation in Ayurvedic Research. (10)
- Q.10** Explain confounding and bias in research. (10)
- Q.11** What is mean by regression analysis? Explain the use of regression in research. (10)
- Q.12** Explain chi- square test and Fisher's exact test in detail. (10)

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