

Pre. Ph.D. Course Work (2017 Course) : SUMMER - 2018
(Common for All Ayurved Faculty)

SUBJECT : PAPER – I RESEARCH METHODOLOGY & ICT FOR RESEARCH
(RACHANA SHARIRA / (DRAVYAGUNA VIGYANA) / (KAYACHIKITSA) / (ROGA
NIDANA EVAM VIKRITI VIGYANA) / (AGADA TANTRA) / (KRIYA SHARIRA)/
(RASA SHASTRA EVAM BHAIHAJYA KALPANA)/(AYURVEDA SAMHITA EVAM
SIDDHANT) / (SHALYA TANTRA)/ (PRASUTITANTRA & STREE ROG)/
(SWASTHAVRITTA)

Day: **Monday**
Date: **25/06/2018**

S-2018-4744

Time: **10.00 AM TO 01.00 PM**
Max. Marks: 100

N.B.:

- 1) Attempt **ANY FIVE** questions from Section-I and **ANY FIVE** questions from Section – II.
- 2) Answer to the both section should be written in **SEPARATE** answer book.
- 3) Draw neat labeled diagrams **WHEREVER** necessary.

SECTION – I

- Q.1 Describe literature search techniques with examples. [10]
- Q.2 Write about sampling? How is it important in research? [10]
- Q.3 Write about importance and methods of survey study. [10]
- Q.4 Write in brief development mile stone in Ayurved research. [10]
- Q.5 Write the importance of experimental research in Ayurved. [10]
- Q.6 Write short note: [10]
- a) Use of computer in research
 - b) Characteristics of normal probability curve

SECTION – II

- Q.7 What are the different methods of data representation? Explain in detail. [10]
- Q.8 Explain mean deviation, standard deviation and standard error in detail. [10]
Describe how they differ from each other.
- Q.9 What is mean by meta-analysis? Explain the different techniques used for meta-analysis. [10]
- Q.10 Explain different non-parametric tests in detail. [10]
- Q.11 Write short note: [10]
- a) What is mean by design of experiment?
 - b) Write assumptions and use of ANOVA and ANCOVA.
- Q.12 Write the importance of information communication technology (ICT) in Ayurvedic Research. [10]