

RAVI- 2012 COURSE): SUMMER-2017
SUBJECT: PAPER -1: RESEARCH METHODOLOGY AND
BIO MEDICAL STATISTICS

Day: Monday
Date: 19/06/2017

Time: 10.00 AM TO 01.00 PM
Max Marks: 100

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate full marks.
- 3) Use **SEPARATE** answer sheet for each section.
- 4) Use of statistical table and calculator is allowed **WHEREVER** necessary.

SECTION-I

WRITE ANY TWO LONG ANSWER QUESTIONS OUT OF THREE

- Q.1** Write about Drug Research in details, and compare between ancient and modern trends (15)
- Q.2** Write importance and methods of literature search and referencing styles. (15)
- Q.3** Write in details about Literary Research and Manuscriptology. (15)
- Q.4** Write **ANY SIX** short notes out of seven. (30)
- a) EMR and IMR schemes of AYUSH .
 - b) Double blind trials.
 - c) Bias in research.
 - d) HPTLC.
 - e) Toxicity studies
 - f) COHORT.
 - g) Ayurveda Pharmacopoeia of India.

SECTION-II

- Q.5** Explain sampling techniques in detail. (15)
- Q.6** Explain measures of central tendency in detail. (10)
- Q.7** Write any **THREE** short notes out of **FOUR** (15)
- a) Normal distribution
 - b) Pie diagram
 - c) Correlation
 - d) Standard deviation

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