

M.D. AYURVED PRELIMINARY.

2012

RAVI - I (2012 COURSE) (COMMON FOR ALL BRANCHES) : WINTER - 2016
SUBJECT : PAPER - I : RESEARCH METHODOLOGY AND BIO / MEDICAL
STATISTICS

Day : Monday
Date : 28/11/2016

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

N.B. :

- 1) Use SEPARATE answer sheets for each section.
- 2) Draw neat diagrams WHEREVER necessary.

SECTION - A

Long answer questions (LAQ) 2 x 15 = 30 Marks :

Write Any TWO long questions out of THREE :

- Q.1 Write definition of research and describe in detail the principles and methods of toxicity study. (15)
- Q.2 Write in detail about cohort study and randomized controlled trials and their types with examples. (15)
- Q.3 Write about different types of referencing and bibliography. (15)

Short notes 6 x 5 = 30 Marks :

- Q.4 Write Any SIX short notes out of SEVEN : (30)
- a) Hypothesis formation
 - b) Importance of Animal study
 - c) Concepts of system biology
 - d) Application of yukti praman in research
 - e) Process of Drug discovery
 - f) Types of survey study
 - g) Importance of good manufacturing practices

SECTION - B

Long answer questions (LAQ) 2 x 15 = 30 Marks :

Write Any TWO long questions out of THREE :

- Q.1 Write concepts, relevance and general applications of biostatistics in Ayurved. (15)
- Q.2 Write definition, types and laws of probability. (15)
- Q.3 Following data shown effect of Ajamoda (*Carum roxburghianum*) churna on weight of children in intestinal nematodes. (15)

Check this significantly effective or not (tg = 2.306)

Weight BT	20	18	19	18	23	30	25	26	25
Weight AT	23	21	19	19	25	30	26	27	24

Short notes 2 x 5 = 10 Marks :

- Q.4 Write Any TWO short notes out of THREE : (10)
- a) Statistical software
 - b) Inclusive and exclusive classification
 - c) P value

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SECTION -B

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RAVI - I (2012 COURSE) : WINTER - 2016
SUBJECT: PAPER - II : SHALYA - SAMANYA

Day: Wednesday
Date: 30/11/2016

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.

SECTION - A

- Q.1** Describe applied anatomy and surgical pathology of Inguinal Hernia. **(15)**
- Q.2** Describe 'Shastravacharaniya' adhyay in detail. **(15)**
- Q.3** Explain in detail 'Abhyantar vidradhi'. **(10)**
- Q.4** Write short notes on any **TWO** of the following **(10)**
- a) Adrenaline
 - b) Trividha pariksha
 - c) Payana vidhi

SECTION - B

- Q.5** Describe blood transfusion with its complications. **(15)**
- Q.6** Explain Ksharkarma in detail. **(15)**
- Q.7** Write importance of Pathya - apathya in the management of surgical **(10)**
diseases.
- Q.8** Write short notes on any **TWO** of the following **(10)**
- a) Heat sterilization
 - b) Types of suchi (Needles)
 - c) Paschat karma

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RAVI (2012 COURSE) : WINTER - 2016
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- 3) Both the section should be written in **SEPARATE** answer book
- 4) Draw neat diagrams **WHEREVER** necessary

SECTION - A

- Q.1** Write down the importance of paricharyas in striroga, Garbhini and sutikawastha and also its application in today's life style. **(15)**
- Q.2** Write in detail about 'Gargba Sanbhav Samagri' and explain preconceptional counselling. **(15)**
- Q.3** Write in detail about 'Uttarbasti' chikitsa. **(10)**
- Q.4** Write short notes on any **TWO** of the following **(10)**
- a) Ashoka (Rasa, Virya, Vipak and action)
 - b) Aartava
 - c) Sadyogrihit and Vyaktagarbha laxane.

SECTION - B

- Q.5** Write in detail about physiological changes during pregnancy. **(15)**
- Q.6** Describe in detail about menstrual cycle. **(15)**
- Q.7** Write in detail about investigations in Antenatal checkup. **(10)**
- Q.8** Write short notes on any **TWO** of the following **(10)**
- a) Action of Cu – T
 - b) Sims speculum
 - c) MTP Act

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