

ROHIDA-: (2012 COURSE) SUMMER- 2016
SUBJECT: PAPER- I: SHALYA SIDDHANTA- FUNDAMENTALS OF SURGERY

Day: *Monday*
Date: *06-06-2016*

Time: *10:00 A.M. To 1:00 P.M*
Max Marks: 100

N.B:

1) Figures to the right indicate **FULL** marks.

Long Answer Questions: (Any **THREE** out of **FOUR**) (3x20= 60 marks)

- Q.1** Write in detail description of Sterilization.
- Q.2** Describe Ashtavidha shastrakarma and elaborate in their relevance with modern surgery.
- Q.3** Explain Granthi with its type and explain its modern relevance.
- Q.4** Describe Udara vyadhi in detail and emphasize on its surgical context.

Short Answer Questions :(Any **TWO** out of **THREE**) (2x10= 20 marks)

- Q.5** Define shock; mention its types and its general management.
- Q.6** Describe various suture materials with their ancient and modern types.
- Q.7** Explain Sushruta's view about Rakta as a Chaturtha Dosha.

Short notes: (Any **FOUR** out of **FIVE**) (4x5= 20 marks)

- Q.8** Nadi Yantra
- Q.9** Hyponatraemia
- Q.10** Plasma expanders
- Q.11** Gas gangrene
- Q.12** SDP and RDP transfusion

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ROHIDA-: (2012 COURSE) SUMMER- 2016
SUBJECT: PAPER- II: VISHISHTA SHALYA VIGYANA -
SHALAYANTRA SPECIALITY

Day: **Tuesday**
Date: **07-06-2016**

Time: **10.00 A.M. To 1.00**
Max Marks: 100 **P.M.**

N.B:

1) Figures to the right indicate **FULL** marks.

Long Answer Questions: (Any **THREE** out of **FOUR**) **(3x20= 60 marks)**

- Q.1** Write in detail account of Shashti Upakrama.
- Q.2** Explain Neoplasm of Prostate and describe its treatment modalities with their recent advances.
- Q.3** Enlist types of Asthibhagna and write detailed account of radius fractures.
- Q.4** Describe aetiology, types, pathology, investigations, and detailed treatment modalities of Gangrene.

Short Answer Questions :(Any **TWO** out of **THREE**) **(2x10= 20 marks)**

- Q.5** Describe Vriddhi in detail, with its types.
- Q.6** Write the pathology and complications of Burns.
- Q.7** Describe – Avascular necrosis of femur head.

Short notes: (Any **FOUR** out of **FIVE**) **(4x5= 20 marks)**

- Q.8** Brodie's abscess
- Q.9** Treatment of Urethral stricture
- Q.10** Haematocele
- Q.11** Hypospadiasis
- Q.12** Mutraghata types

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ROHIDA-: (2012 COURSE) SUMMER- 2016

SUBJECT: PAPER- III: SHALYA VIGYANIYA NIDAN – OPERATIVE SURGERY

Day: Thursday
Date: 09-06-2016

Time: 10.00 A.M. To 1.00
Max Marks: 100 P.M.

N.B:

- 1) Figures to the right indicate **FULL** marks.

Long Answer Questions: (Any **THREE** out of **FOUR**) (3x20= 60 marks)

- Q.1 Describe anesthesia with its types and describe Spinal anesthesia in detail.
Q.2 Describe in detail- Cholecystitis.
Q.3 Describe Hemorrhoids in detail.
Q.4 Describe aetiology, pathology, investigations, and detailed treatment modalities of Neoplasms of breast.

Short Answer Questions :(Any **TWO** out of **THREE**) (2x10= 20 marks)

- Q.5 Describe differential diagnosis of cervical lymphadenitis.
Q.6 Write in detail about upper gastrointestinal bleeding with its management.
Q.7 Describe in detail – Pancreatitis

Short notes: (Any **FOUR** out of **FIVE**) (4x5= 20 marks)

- Q.8 Varicocele
Q.9 Pseudopancreatic cyst
Q.10 Complications of varicose veins
Q.11 Thyroglossal cyst
Q.12 Pilonidal sinus- treatment

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ROHIDA-: (2012 COURSE) SUMMER- 2016
SUBJECT: PAPER- IV: SHALYA VANGAMAYA- SHALYA LITERATURE,
RESEARCH AND DEVELOPMENT

Day: Friday
Date: 10-06-2016

Time: 10:00 A.M. To 1:00
Max Marks: 100 P.M.

N.B:

1) Figures to the right indicate **FULL** marks.

Long Answer Questions: (Any **THREE** out of **FOUR**) (3x20= 60 marks)

- Q.1 Give in detailed account of Sandhan karma described in Ayurvedic texts with its relevance to modern surgical science.
- Q.2 Write in detail the advancements in kshrasutra and its preparation methods with its applicability.
- Q.3 Describe Agnikarma Vidhi in detail.
- Q.4 Write an experimental surgical research model in detail.

Short Answer Questions :(Any **TWO** out of **THREE**) (2x10= 20 marks)

- Q.5 Explain the importance of Kshar karma and its applications.
- Q.6 Write a complication of Jalaukavacharana.
- Q.7 Grafts and flaps – technique and application.

Short notes: (Any **FOUR** out of **FIVE**) (4x5= 20 marks)

- Q.8 Breast reconstruction after Mastectomy
- Q.9 Duties of Medical officer in cases of assaults
- Q.10 Consumer Protection Act
- Q.11 Surgical ethics
- Q.12 Shastrakarmas mentioned by Charaka

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

Day : Monday
Date : 06/06/2016

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 in details about ancient and advance methodology for Drug Research. (15)
- Q.2** Describe different methods of literature review with advantages and limitations. (15)
- Q.3** Explain importance and methods of fundamental research with examples. (15)

Short notes 6 x 5 = 30 Marks :

- Q.4** Write **Any SIX** short notes out of **SEVEN** : (30)
- a) Phase IV clinical trail
 - b) Importance of pharmacovigilance
 - c) Bibliography writing methods
 - d) Retrospective studies
 - e) Importance of Survey study
 - f) Network physiology
 - g) Tantrayukti and Research

SECTION -B

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

Write **Any TWO** long questions out of **THREE** :

- Q.1** The following data gives the values of acidic reactions of solution (pH test). Test whether there is a significant difference between 2 groups. (15)
- | | | | | | | |
|---------|-----|-----|-----|-----|-----|-----|
| Group A | 7 | 7.8 | 7.9 | 8 | 7.6 | 7.4 |
| Group B | 6.8 | 7.4 | 7 | 7.2 | 7.4 | 6.7 |
- (Where $t_g = 2.262$)
- Q.2** What is sampling, explain random and non random sampling in details. (15)
- Q.3** Explain nonparametric tests and write down any one test with illustration. (15)

Short notes 2 x 5 = 10 Marks :

- Q.4** Write **Any TWO** short notes out of **THREE** : (10)
- a) Prevalence
 - b) Standard error
 - c) Types of variables
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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 ($t_g = 2.306$)
- | | | | | | | | | | |
|-----------|----|----|----|----|----|----|----|----|----|
| 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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RAVI – (2012 COURSE) : SUMMER 2016
SUBJECT: PAPER – II : SHALYA - SAMANYA

Day: Wednesday
Date: 08/06/2016

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.
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SECTION - A

- Q.1** Describe various emergency conditions in surgery and its management. (15)
- Q.2** Define Yantra and Shastra, write in detail about Nadi yantra according to ayurved and modern science. (15)
- Q.3** Write investigations and diagnostic methods in urinary diseases. (10)
- Q.4** Write short notes on any **TWO** of the following (10)
- a) Dashavidha pariksha
 - b) Electrocautery
 - c) Atropine

SECTION - B

- Q.5** Describe preparation, standardization and application of Ksharasutra in detail. (15)
- Q.6** Describe application of Panchakarma therapy in surgical practices. (15)
- Q.7** Write introduction, types and application of Agnikarma. (10)
- Q.8** Write short notes on any **TWO** of the following (10)
- a) Bandha vidhi
 - b) Upanytra
 - c) Chemical sterilization

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