

MESN4 - (2012 COURSE): SUMMER-2016
SUBJECT: PAPER-I-GARBHAGARBHINI VIGYANAM

Day: Monday
Date: 06-06-2016

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

N.B:

- 1) All questions are **COMPULSORY**.
- 2) Draw neat diagrams **WHEREVER** necessary.
- 3) Figures on the **RIGHT** indicate full marks.

Write Long answers any **THREE** of the following: (20 x 3 = 60)

- Q.1** Describe the formation and function of Apra (placenta) according to modern and Ayurvedic aspect? (20)
- Q.2** Explain the garbhavranti and write in detail garbha vikruti in the light of modern and ayurvedic texts. (20)
- Q.3** Define garbhini vyapad and explain the garbhini makkal according to modern and Ayurved aspect. (20)
- Q.4** Elaborate with reference. (20)
अविषह्ये विकारिषु श्रेयो गर्भस्य पातनम् ।

Write short answer any **TWO** of the following. (10 x 2 = 20)

- Q.5** Explain pelvic assessment and fetal skull and its clinical impotence. (10)
- Q.6** Describe Raja and Aratava according to classics. (10)
- Q.7** Explain garbhiniidan according to modern and ayurvedic texts. (10)
- Write short notes any **FOUR** of the following. (5 x 4 = 20) (20)
- Q.8** Management of HIV during pregnancy.
- Q.9** Gamatogenesis.
- Q.10** Aims of garbhini paricharya.
- Q.11** Basic line of treatment of garbhini pandu.
- Q.12** Clinical features of Eclampsia.

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MESNA- (2012 COURSE): SUMMER-2016
SUBJECT: PAPER-II-PASAVA VIGYANA

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

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

N.B:

- 1) All questions are **COMPULSORY**.
- 2) Draw neat diagrams **WHEREVER** necessary.
- 3) Figures on the **RIGHT** indicate full marks.

Write Long answers any **THREE** of the following: **(20 x 3 = 60)**

- Q.1** Describe the prasava kal, prasava-awasthas with their clinical features (20) according to different ayurvedic text.
- Q.2** Discuss intrapartum maternal and fetal monitoring with its clinical (20) significance.
- Q.3** Write the physiology and mechanism of labour. (20)
- Q.4** Write the common causes and sutikavyadhi and explain the sutika makkal in (20) details.

Write short answer any **TWO** of the following: **(10 x 2 = 20)**

- Q.5** Write the management of Breech delivery. (10)
- Q.6** Write the causes, clinical features and management of P.P.H. (post partum (10) Haemorrhage)
- Q.7** Write the physiological changes in sutika. (10)

Write short notes any **FOUR** of the following: **(5 x 4 = 20)** (20)

- Q.8** Types of Mudhagarbha
- Q.9** Garbhasanga.
- Q.10** CPD
- Q.11** Stanyakshaya.
- Q.12** Langali.

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MESNA - (2012 COURSE): SUMMER-2016
SUBJECT: PAPER-III-STRIROG VIGYANA

Day: Thursday
Date: 09-06-2016

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

N.B:

- 1) All questions are **COMPULSORY**.
- 2) Draw neat diagrams **WHEREVER** necessary.
- 3) Figures on the **RIGHT** indicate full marks.

Write Long answers any **THREE** of the following: (20 x 3 = 60)

- Q.1 Describe the hetu, samprati, lakshan and chikitsa of Mahayoni and co-relate it with Prolaps. (20)
- Q.2 Describe the clinical features, diagnosis & treatment of endometrial cancer. (20)
- Q.3 Describe the role of Vata dosh in twenty yonivpada and importance of vatashaman chikitsa in yonivyapad. (20)
- Q.4 Describe different types of hormonal contraception and mention the advantages and disadvantages of each method. (20)

Write short answer any **TWO** of the following: (10 x 2 = 20)

- Q.5 Write the importance of sthanik chikitsa & explain the uttarabasti. (10)
- Q.6 Give the differential diagnosis of lucorrhoea (yonigat shweet strav) (10)
- Q.7 Which are the sexually transmitted diseases? Describe the syphalis infection. (10)

Write short notes any **FOUR** of the following: (5 x 4 = 20) (20)

- Q.8 Clinical features of menopause
- Q.9 Arajaskayonivyapad
- Q.10 Bartholine cyst
- Q.11 Dashmool kwath
- Q.12 GnRH

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MESNA - (2012 COURSE): SUMMER-2016
SUBJECT: PAPER-IV-PRASUTI-STRIROG-SHALYA KARMANI

Day: Friday
Date: 10.06.2016

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

N.B:

- 1) All questions are **COMPULSORY**.
- 2) Draw neat diagrams **WHEREVER** necessary.
- 3) Figures on the **RIGHT** indicate full marks.

Write Long answers any **THREE** of the following: (20 x 3 = 60)

- Q.1 Describe the different methods of sterilization. (20)
- Q.2 Discuss the indications, contraindications and complications of instrumental delivery. (20)
- Q.3 Discuss the basic principals of pre operative and post operative management in the light of Ayurvedic and modern texts. (20)
- Q.4 What is the role of laparoscopy in gynaecology. (20)

Write short answer any **TWO** of the following: (10 x 2 = 20)

- Q.5 Write the indications, procedure and post operative managements of cervical encercilage. (10)
- Q.6 Write the indication of Hysterectomy. (10)
- Q.7 Write the different methods of cervical cauterization. (10)

Write short notes any **FOUR** of the following: (5 x 4 = 20) (20)

- Q.8 Cusco's speculum.
- Q.9 Indication of caeserian section.
- Q.10 Endometrial Biopsy.
- Q.11 Indications of Tuboplasty.
- Q.12 Spinal anaesthesia.

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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 : PRASUTI TANTRA & STRI ROGA

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.
 - 3) Both the section should be written in **SEPARATE** answer book
 - 4) Draw neat diagrams **WHEREVER** necessary
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SECTION - A

- Q.1** Write down the importance of sthanik chikitsa and explain 'Yonidhoopan' (15)
chikitsa in detail. .
- Q.2** Explain in detail 'Rutuchakra'. (15)
- Q.3** Explain 'Garbhaposhan' according to ayurvedic concept. (10)
- Q.4** Write short notes on any **TWO** of the following (10)
- a) Shatapushpa (Rasa, Virya, Vipak and action)
 - b) Upavishtak chikitsa.
 - c) Stree shukra.

SECTION - B

- Q.5** Write in detail about anatomy of female internal genital organs. (15)
- Q.6** Write down antenatal examination during I & II trimester. (15)
- Q.7** Write down the postoperative care & complications of LSCS procedure. (10)
- Q.8** Write short notes on any **TWO** of the following (10)
- a) PCPNDT Act
 - b) Types of Placenta previa
 - c) Oxytocin

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RAVI (2012 COURSE) : WINTER - 2016
SUBJECT: PAPER – II : PRASUTI TANTRA & STRI ROGA

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.
- 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 todays 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

