Long Essay: (1 x 25 = 25)

1) Explain ‘Masanumasilk garbha Vriddhi’ and write down modern concepts of embryo and fetal development.

Short Essay: (2 x 12.5 = 25)

2) Write in detail about Garbha Poshana.

3) Explain in detail about effects of maternal diet, medication and illness on fetus.

Short notes: (10 x 5 = 50)

4) Clinical Features of cleft lip
5) Structure of sperm
6) Turner syndrome
7) Matruja bhavah
8) Sex chromosomal abnormalities
9) Mile stone in infancy
10) Yamala garbha
11) Perinatal complications
12) Formation and features of umbilical cord
13) Down’s syndrome
Long Essay: (1 x 25 = 25)

1) Explain in detail causes Clinical features physical and systemic disorder and management of preterm baby?

Short Essay: (2 x 12.5 = 25)

2) Explain in detail about Prasava Kalina Abhigahataja Vyadhi (Birth Injuries).

3) Explain in detail causes, clinical features and management of ulbakrog and write about Aspiration Pneumonia.

Short notes: (10 x 5 = 50)

4) Common feeding problems

5) Importance of inspection in chest and abdominal examination

6) Abhyanga

7) Phototherapy

8) Sanyapanayana (Weaning)

9) Ajirna in Kshiradavastha

10) Indications and Contraindications of Endotracheal intubations

11) Sadyojat Shishu Parichaya

12) Birth asphyxia

13) Indications and benefits of Lehan
Long Essay:  
(1 x 25 = 25)

1) Discuss about Pandu roga and explain childhood Anemia in detail.

Short Essay:  
(2 x 12.5 = 25)

2) Write about Kasa vyadhí and explain whooping cough in detail.

3) Explain Pneumonia in children.

Short notes:  
(10 x 5 = 50)

4) Types of Phakka
5) Write the management of Epilepsy.
6) Febrile Convulsion
7) Management of Drowning
8) Management of Malaria fever
9) Management of Atisar in children
10) Ahiputan
11) Round worm
12) Romantika (measles)
13) Childhood Asthma
Long Essay: (1 x 25 = 25)

1) Write about Vyadhi Kshamatva and explain the concept of immunity and recent immuno enhancing measures and pediatric immunization.

Short Essay: (2 x 12.5 = 25)

2) Write about significant contributions of Kashyapa Samhita in field of Kaumarabhritya.

3) Discuss about principles of Panchakarma and their applications in Pediatric practice.

Short notes: (10 x 5 = 50)

4) Kukunaka
5) Prinan Modak
6) Suvarna Prashan
7) Benefits of Shiropichu in children
8) Pratishyaya in children
9) Describe Aahar and Vihar of balak in Kahirannad Avastha
10) Features of Phakka
11) Explain role of Panchmahabhuta in Garbhavridhi
12) Write about Vedanaadhyaya
13) Write about Danta Sampat and Dantadosh
SUBJECT: PAPER - II: KAUMARBHRITYA - BALAROGA  

Day: Wednesday  
Date: 02-12-2015  
Time: 10.00 A.M. TO 1.00 P.M.  
Max. Marks: 100  

N.B.:  
1) All questions are COMPULSORY.  
2) Figures to the right indicate FULL marks.  
3) Language of answer HINDI or ENGLISH only.  
4) Answers to both the sections should be written in SEPARATE answer books.  

SECTION - I  

Q.1 Explain the significance of classification of childhood on the basis of their age. [15]  

Q.2 Explain the concept of Poshana (Dhatuposhana) of a foetus. [15]  

Q.3 Describe the types of Manas Prakriti and methods of assessment of those as described in Ayurvedic classics. [10]  

Q.4 Write notes on ANY TWO of the following: [10]  
a) Enumerate factors affecting growth in children  
b) Significance in checking Thyroid function during infancy  
c) Enumerate National Health Programs related to Pediatrics  

SECTION - II  

Q.5 Explain the concept of Vyadhi Kshamatva in Ayurved and describe the methodology to enhance the same. [15]  

Q.6 Explain the characteristics of the medicines to be used in Pediatric Practice and give the contents and mode of action of Kumara Kalyana Rasa. [15]  

Q.7 Write the importance of single drug therapy in children. [10]  

Q.8 Write notes on ANY TWO of the following: [10]  
a) Concept of adolescence immunization  
b) Ethical issues in Pediatric Research  
c) Ativisha
Long Answer Question (LAQ) 3 x 20 = 60 marks (Any THREE out of FOUR)

Q.1 Pranapratyagamana vidhi (new-born resuscitation) and general neonatal care with relevant scientific explanation. (20)

Q.2 Explain in detail Neonatal examination including assessment of gestational age. (20)

Q.3 Explain in detail about Neonatal jaundice and its management. (20)

Q.4 Explain in detail about various birth injuries and their management. (20)

Short Answer Questions (SAQ) 2 x 10 = 20 marks (Any TWO out of THREE)

Q.5 Samaya purva jata shishu – complications and their management. (10)

Q.6 Explain procedures of Garbhodaka vamana and Navajata shishu abhyanga. (10)

Q.7 Discuss Stanyapana vidhi. (10)

Write short notes on ANY FOUR of the following:

Q.8 Discuss Kumaragara – past and present concept (05)

Q.9 Udara Shula (infantile colic) and its management (05)

Q.10 Discuss Nabhi nadi kartanajanya Doshas (05)

Q.11 Classifications and definitions of newborn (05)

Q.12 Navajata Chardi and its management (05)
RAVI (2012 COURSE): SUMMER – 2015
SUBJECT : PAPER – II: KAUMARBHRIITYA - BALAROGA

Day : Wednesday Date : 10.06.2015
Time : 10.00 A.M. TO 1.00 P.M.
Max. Marks : 100

N.B.:
1) All questions are COMPULSORY.
2) Figures to the right indicate FULL marks.
3) Language of answer HINDI or ENGLISH only.
4) Answers to both the sections should be written in SEPARATE answer books.

SECTION – I

Q.1 Explain the concept of Samskara and their significance in the present era. [15]

Q.2 Describe the importance of Aushadhi Sevan Kala in respect to Pharmacokinetics of Ayurvedic medicines. [15]

Q.3 Describe the methods / modalities of assessment of developmental mile stones. [10]

Q.4 Write notes on ANY TWO of the following: [10]
   a) Pariiksha of Kaumarabhriitya according to Sushruta and Harita
   b) Anatomical and Physiological changes occurring in fetal circulation after birth
   c) Importance of Lakshanadhyaya

SECTION – II

Q.5 Explain the ingredients and mode of action of the following drugs: [15]
   a) Krimikuthara Rasa
   b) Balachaturbhadra Churna
   c) Samvardhana Ghrita

Q.6 Explain the concept and significance of Dhupana procedure of Ayurveda with probable mode of action and appropriate examples. [15]

Q.7 Explain the concept and types of immunity according to modern Pediatrics. [10]

Q.8 Write notes on ANY TWO of the following: [10]
   a) Concept of Bala Rasayana
   b) Ethical issues in Pediatric Research
   c) Bhumyamalaki
SUBJECT: KAUMARABHRITYA – BALA ROGA
PAPER – I: BIJA, GARBHA VIGYANIYA (HUMAN GENETICS, EMBRYOLOGY)

Day: Monday
Date: 08-06-2015
Time: 10:00 A.M. TO 1:00 P.M.
Max. Marks: 100

N.B.:
1) Figures to the right indicate FULL marks.
2) Draw neat diagrams WHEREVER necessary.

Long Answer Question (LAQ) 3 x 20 = 60 marks (Any THREE out of FOUR)

Q.1 Describe the common congenital anomalies of different systems. (20)

Q.2 Explain the masanumasik vṛuddhī (monthly Growth) kram of Garbha. (20)

Q.3 Give the description on Apara Nirman (formation of placenta) and Apara Vikara (Placental abnormalities). (20)

Q.4 Describe the Beeja-Beejabhaga and Beejabhagaayava as per Ayurveda and Moderni. (20)

Short Answer Questions (SAQ) 2 x 10 = 20 marks (Any TWO out of THREE)

Q.5 Describe the Garbha vriddhikara Bhavas in detail. (10)

Q.6 Describe the Autosomal and Sex chromosomal abnormalities and syndromes. (10)

Q.7 Describe Garbha Poshan in detail. (10)

Write short notes on ANY FOUR of the following:

Q.8 Vamanatva (05)

Q.9 Jataharini (05)

Q.10 Atmaja Bhava (05)

Q.11 Formation of Prakriti (05)

Q.12 Prenatal Diagnosis (05)
Long Answer Question (LAQ) 3 x 20 = 60 marks (Any THREE out of FOUR)

Q.1 Explain in detail Rajayakshma (Tuberculosis) and its management. Add a note on national tuberculosis control programme. (20)

Q.2 Explain in detail Atisara and its avasthika chikitsa. Discuss assessment of dehydration and its management. (20)

Q.3 Discuss about Febrile convulsion and its management. (20)

Q.4 Explain in detail about Krimi roga (intestinal helminthiasis) and its management. (20)

Short Answer Questions (SAQ) 2 x 10 = 20 marks (Any TWO out of THREE)

Q.5 Explain in detail about Ahiputana (Napkin rash) and its management. (10)

Q.6 Explain in detail Rohini (Diphtheria) and its management. (10)

Q.7 Explain in detail about Shayya mutra and its management. (10)

Write short notes on ANY FOUR of the following:

Q.8 Masurika and its chikitsa with relevant modern correlations. (05)

Q.9 Status asthmaticus and its Management. (05)

Q.10 Discuss diagnosis and management of Guda bhramsha (rectal prolapse) (05)

Q.11 Explain samanya chikitsa siddhanta of Bala Graha. (05)

Q.12 Foreign body aspirations and its chikitsa. (05)
SUBJECT: KAUMARBHIRTYA – BALA ROGA
PAPER – IV: BALAPOSHNA, SAMVARDHANA (NUTRITION, GROWTH AND DEVELOPMENT) AND RECENT ADVANCES IN KAUMARBHIRTYA

Day: Friday
Date: 12-06-2015
Time: 10.00 A.M. To 1.00 P.M.
Max. Marks: 100

N.B.: 
1) Figures to the right indicate FULL marks.
2) Draw neat diagrams WHEREVER necessary.

Long Answer Question (LAQ) 3 x 20 = 60 marks (Any THREE out of FOUR)

Q.1 Explain in detail on concept of Vyadhikshamatva (immunity) and discuss on immune enhancing measures with special reference to Suvarna prashana. (20)

Q.2 Explain in detail ‘Cerebral palsy’ and recent advances its management. (20)

Q.3 Discuss principles of Panchakarma in children. Elaborate on sneha pana in children. (20)

Q.4 Explain in detail about Navajata shishu kaksha prabandhana (nursery management). Add a note on method of sterilization in NICU. (20)

Short Answer Questions (SAQ) 2 x 10 = 20 marks (Any TWO out of THREE)

Q.5 Explain in detail Stanya sampat and mahatva (properties and importance of breast milk). Stanyabhava pathya vyavastha (alternative feeding methods in absence of breast milk). (10)

Q.6 Explain in detail about recent advances in the management of Navajata kamala. (10)

Q.7 Explain in detail about ‘Oushadha matra Nirmaya’ in Kaumarabhritya. (10)

Write short notes on ANY FOUR of the following:

Q.8 Dhatri guna and doshas (05)

Q.9 Age specific normal developmental milestones with attained in first year of life. (05)

Q.10 Discuss importance of family life education in adolescents. (05)

Q.11 Diagnosis and management of childhood obesity (05)

Q.12 Concept of Breast Milk Banking (05)