

**KAUMARBHRITYA QUESTION BANK**

**PART-A**

**Point-1 General introduction and scope of Kaumarbhritya (Ayurvedic Pediatrics), definition and terminologies used in kaumarbhritya**

10 Marks

- Define kaumarbhritya and write the importance of kaumarbhritya.
- Write the scope of kaumarbhritya Tantra.
- Kaumarbhritya is best among Astanga of Ayurveda. Explain
- Write the importance of Kaumarbhritya and explain bala graham.

5 Marks

- Write the importance of kaumarbhritya in short
- Write the defecation of Kaumarbhritya
- Vyotpatti of “kaumar” dhatu
- Vyotpatti of “bhritya” dhatu
- Define Kaumarbhritya according to Hareeta samhita
- Define Kaumarbhritya according to Dalhana Acharya
- Define Kaumarbhritya according to Sushruta samhita
- Define Kaumarbhritya according to Kashyapa Samhita

2 marks

- Write the defecation of Kaumarbhritya
- Define “Bhritya”
- What is Bala Roga?
- What do you understood by KAUMARBHRITYA?

**Point-2 Scientific contribution of Kashyapa Samhita in Kaumarbhritya**

10 Marks

- Importance of Kashyapa Samhita in Kaumarbhritya
- Scientific contribution of Kashyapa Samhita in Kaumarbhritya
- Importance of Vruddha Jivaka Tantra.

5 Marks

- Detail description of Kashyapa Samhita
- Lehana adhyaya
- Vedana adhyaya
- Sutra sthana of Kashyapa Samhita
- Importance of khilla sthana
- Explain Aarakeelaka in detail.

2 Marks

- Define Aushadhi according to kashyapa
- Define Vajra
- What is tantree varna?
- What is antarvatnee?
- What is Pundarika?
- Define Aarakeelaka?

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**Point-3 Vayobheda (Classification of age): Garbha, Bala, Kumara; Kshirada, Kshirannada & Annada etc. and modern classification of childhood period.**

10 Marks

- Vayo bheda vargikarana in detail
- Write the importance of vayo bheda
- Classification of Vaya and its importance.

5 Marks

- Write the importance of vayo bheda
- Classification of the age according to modern science.
- Write the importance of Ksheerad Avasta in bala
- Write the importance of Ksheeraanad Avasta in bala
- Write the importance of Annad Avasta in bala
- Vayo bheda according to Acharya Kashyapa.
- Vayo bheda according to Sushruta Samhita.
- Vayo bheda according to Astanga Hrudaya.
- Vayo bheda according to Charaka Samhita.
- Vayo bheda according to Hareeta Samhita.
- Vayo bheda of a girl child.
- Defenciate kaumar, prangad and Kishor

2 Marks

- Enumerate the vayo bheda according to kashyapa samhita.
- Enumerate the vayo bheda according to charaka samhita.
- Enumerate the vayo bheda according to sushruta samhita.
- Enumerate the vayo bheda according to hareeta samhita.
- What is Prangad?
- What is Kishor?
- What is Dughdhanshi?

**Point-4 Prana Pratyagamanam (Neonatal Resuscitation): Methodology; complications and their management (Ayurvedic and modern view). Assessment of gestational age**

10 Marks

- Management of navajata.
- Resuscitation in new born.
- Navajat sishu paricharya.

5 Marks

- Define prana pratyagamana in detail.
- Explain jata karma in detail.
- Explain prasana for new born baby.
- Explain swarna prasana in detail.
- Benefits of swarnaprasana.
- Explain rakshakarma in detail.
- Nam karan samskar.
- Samklista-sishu
- Properties of cow's milk.
- Properties of donkey's milk
- Properties of goat's milk
- Properties of buffalo's milk.
- Properties of ojas.
- Advantages of breast milk.
- Physiological jaundice.
- Assessment of gestational age

2 Marks

- Garbhodaka vaman?
- What is resuscitation?
- What is vernixcasiosa?
- Moro's reflex?
- Rakshoghna dravya.
- Nabhi nala chedana according to Vagbhatta.
- Importance of dhupana

- Mongolian spots
- Milia?
- Erythema toxicum.
- Stork bites
- Epstein pearls.

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**Point-5 Navajata Shishu Paricharya (Neonatal Care): Care of the Jatmatra (Newly born child) and the Sadyojata, Care of the Samaya-purvajata Shishu (Preterm), Purnakalika Shishu (Full term), and Samaya-Paschatjata Shishu (Post term neonate), Nabhinala Chhedana (Cutting of umbilical cord), Complications of improper cutting of umbilical cord and its treatment, Rakshoghna Karma (Protective measures- Ayurvedic and modern view).**

10 Marks

- Jata matra and sadhya jata.
- Explain Care of samaya purv jata sishu in detail.
- Explain care of samaya paschat sishu in detail.

5 Marks

- Nabhi nal chedan vidhi.
- Complication of improper nabhi nal chedan
- Disease occurs due to improper cutting of umbilical code and its treatment.
- Foetal circulation.
- Asamyak nail kalpanajanya dosha.

2 Marks

- Instruments used for umbilical code cutting.
- Method for new born baby bath
- Why the first cry is important?

**Point-6 Navajata Shishu Parikshana (Examination of newborn): Ayu-Parikshana, Modern approach to Neonatal Examination**

10 Marks

- Navajata Shishu Pariksha (according to Ayurveda)
- Navajata Shishu Pariksha (according to Modern)
- Neonatal examination

5 Marks

- Neonatal examination

- Vedana Adhyaya
- APGAR Score
- Examination of Preterm baby
- Examination of post term baby
- Examination of gestational maturity
- Ayu pariksha of navajata shishu

2 Marks

- APGAR score
- Reflexes of new born baby

**Point-7 Navajata Shishu Poshana (infant feeding): Specific feeding schedule as per Ayurvedic texts and modern concept; Stanya-Sampat (Properties of normal breast milk) Stanyotpatti (Physiology of lactation), Stanya Sangathana (Composition of breast milk), Stanya Parikshana (Examination of breast milk), Stanya-Piyusha (Colostrum); Stanya-Pana-Vidhi (Techniques of breast feeding), Stanyakshaya-Stanyanasha (Inadequate production and absence of breast milk), Dhatri (wet nurse)- Stanyabhava dugdh Vyavastha (alternative feeding in the absence of breast milk), Various other milk feeding methods.**

10 Marks

- Write the importance of matrustanya in children
- Write the etymology (origin & evolution) of word “Dhatri” and writes its definition and importance too.
- Discuss the conditions and situations where upon the “Dhatri” is needed.
- In the context of Ayurveda what do we understand by word “Pareeksha” and describe the “Dhatri Pareeksha”
- Describe the responsibilities and duties of “Dhatri” in the context of child.
- What is “Dhatri Pareeksha”? Describe it in detail with classical references.
- Describes any five required qualities and five disqualification of “Dhatri”, (based upon classical descriptions) along with proper justification.
- In contemporary conditions and living situations what qualities and qualification should be emphasized upon while selecting a “Dhatri”.
- Enumerate the diseases arising from vitiated breast milk and describe the “Nidan” as well as “Samprapti” of “Stanya Dushti”

- Describe the types of Stanya Dushti and with symptoms and treatment of each type.

5 Marks

- Describe the STAN SAMPAT
- Describe the STANYA SAMPAT
- Describe the feature of SHUDHA STANYA
- Explain / Describe the JALA PAREEKSHA with reference to breast milk.
- Describe the symptoms of various types of STANYA DUSHTI
- Describe the eight types of STANYA DUSHTI based upon main manifestations.
- Describe the general etiology of STANYA NIDAN in STANYA DUSHTI
- Describe the SAMANYA CHIKITSA (general treatment) of STANYA DUSHTI.
- Describe the SAMPRAPTI (Pathogenesis) of STANYA DUSHTI
- Describe the SAMPRAPTI of the diseases occurring due to STANYA DUSHTI
- Describe the symptoms of Vata Dushita stanya
- Describe the symptoms of Pitta Dushita stanya
- Describe the symptoms of Kapha Dushita stanya
- Describe the symptoms of Stanya Vriddhi and Stanya Kshaya.
- Write a short note on Stanya Jwara.
- Explain the Dhatri Pareeksha
- Write about the importance of keeping the continuous track record of child's growth & development for the diagnosis and treatment of childhood diseases.
- Explain and justify Saman Varnam in the context of Dhatri Pareeksha
- Explain and justify Yauvansthaan in the context of Dhatri Pareeksha
- Explain and justify Nibhrutaan in the context of Dhatri Pareeksha
- Explain and justify Avyasnan in the context of Dhatri Pareeksha
- Explain and justify Avirupaan in the context of Dhatri Pareeksha
- Explain and justify Ajugupsitaan in the context of Dhatri Pareeksha
- Explain and justify Deshjaatiyaan in the context of Dhatri Pareeksha
- Explain and justify Akshudraan in the context of Dhatri Pareeksha
- Explain and justify Akshudrakarminim in the context of Dhatri Pareeksha
- Explain and justify Kulejaataan in the context of Dhatri Pareeksha



- Explain and justify Vatsalaan in the context of Dhatri Pareeksha
- Explain and justify Arogaan in the context of Dhatri Pareeksha
- Explain and justify Givatvatsaam in the context of Dhatri Pareeksha
- Explain and justify Pumvatsaam in the context of Dhatri Pareeksha
- Explain and justify Dogdhrin in the context of Dhatri Pareeksha
- Explain and justify Apramataan in the context of Dhatri Pareeksha
- Explain and justify Anuchaarshaayinim in the context of Dhatri Pareeksha
- Explain and justify Madhyamvayaa in the context of Dhatri Pareeksha
- Explain and justify Shuchih in the context of Dhatri Pareeksha
- Explain and justify Alolupaah in the context of Dhatri Pareeksha
- Explain and justify Dakshinaa in the context of Dhatri Pareeksha
- Explain and justify Brahmachaarini in the context of Dhatri Pareeksha
- Explain and justify Bahukshiraan in the context of Dhatri Pareeksha
- Explain and justify Shuklaambaracharaa in the context of Dhatri Pareeksha
- Explain and justify Dehdoshaashtakaraitaa in the context of Dhatri Pareeksha
- Explain and justify Stanadoshamukaata in the context of Dhatri Pareeksha
- Explain and justify Yuktachuchukaa in the context of Dhatri Pareeksha
- Explain and justify Madhyamapramaanaa in the context of Dhatri Pareeksha
- Explain and justify Shilavatim in the context of Dhatri Pareeksha
- Explain and justify Achaphalaam in the context of Dhatri Pareeksha
- Explain and justify Akrushaam in the context of Dhatri Pareeksha
- Explain and justify Asthulaam in the context of Dhatri Pareeksha
- Explain and justify Prasannahakshiraan in the context of Dhatri Pareeksha
- Explain and justify Alamboshthin in the context of Dhatri Pareeksha
- Explain and justify Allmbordhvastanim in the context of Dhatri Pareeksha
- Explain and justify Shyamaam in the context of Dhatri Pareeksha
- Explain and justify Kushalopacharaam in the context of Dhatri Pareeksha
- Explain and justify Ashuchidveshinim in the context of Dhatri Pareeksha
- Explain the intention and meaning of Anaaturaam in the context of Dhatri Pareeksha
- Explain the intention and meaning of Avyangaam in the context of Dhatri Pareeksha
- Write a brief note on the Nidana, Lakshana and Chikitsa of Abhishyanda

- Write a brief note on the Nidana, Lakshana and Chikitsa of Pothaki
- Write a brief note on the Nidana, Lakshana and Chikitsa of Mukha paka

2 Marks

- Enumerate the diseases occurring due to Stanya Dushti
- Write names of any five Stanya Vruddhikara Dravya.
- Write names of any five Stanya Suddhikara Dravya
- Define “Dhatri”
- Write a definition of Growth & Development

**Point-8 Stanyadosha (Vitiation of Breast milk), Stanya Shodhana (Purification of breast milk), Stanya Janana and Vardhanopakrama (Methods to enhance breast milk formation)**

10 Marks

- Write the names, etiology, symptoms and treatment of diseases common in Kshrannada Avastha?
- Write the names, etiology, symptoms and treatment of diseases common in Annada Avastha?

5 Marks

- Classification of Stanya Drushti according to Dosha
- Explain Asthavidha Stanya Dushti
- Write in detail about stanya Jwara.
- Samprapti of diseases due to Dushit Stanya in children.
- Explain the diseases occur due to stanya Dushti in children

2 Marks

- Samanya NIdana of Stanya Dushti
- Samanya Chikitsa of Stanya Dushti
- Samprapti of Stanya Dushti
- Lakshana of Vata Dushita Stanya.
- Lakshana of Pitta Dushita Stanya.
- Lakshana of Kapha Dushita Stanya.

**Point-9 Garbha Vridhi Vikasa Krama: Samanya Parichaya (brief monthwise development of fetus), Milestones of development during infancy and childhood including concepts of various Samskaras.**

10 Marks

- Explain the suitability of various Samskaras inter-voven into Indian traditions, with reference to the growth and development of Child.
- Write the difference between Lehan Samskar and Jatakarma Samskar
- Which examinations are done to access a child's growth & development?
- Explain the importance of the sensory organs in child development.
- Write in details the factors affecting child's growth and development?
- What are the Samskara done during annada kala? Explain them in brief with their medical importance.
- What are the Samskara done during Garbha kala? Explain them in brief with their medical importance
- Garbha vridhi vikas karma.

5 Marks

- Samanya paricharya (brief month wise development of fetus)
- Importance of milestone in growth and development of child.
- Jata karma samskar.
- Nam karan samskar.
- Suyodaya and Chandra darshan samskar.
- Write in detail about Dugdhapana samskar.
- Write in detail about Jalapuja samskar.
- Write in detail about Niskramana samskar.
- Write in detail about Upavesana samskar.
- Phala prasana.
- Write in detail about karna vedhana samskar.
- Write in detail about anna prasana samskar.
- Write in detail about chudakarma samskar.
- Write in detail about aksar lekhana samskar.
- Write in detail about godana samskar.
- Garbhadhan samskar
- Complication and management of karna vedhan.
- Steps to withdrawal of breast milk.

2 Marks

- Enumerate sensory milestone.
- Enumerate motor milestone

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**Point-10 Poshana (Nutrition): Normal requirements of nutrients and common food sources.**

10 Marks

- Write in detail about normal requirement of nutrition and common food sources.

5 Marks

- Common food sources in growing child.
- Gross classification of diet with suitable examples.
- In which conditions Peya and Manda is suitable diet in children
- In which condition Yavagu and Yusa is suitable diet in children.

2 Marks

- Peya and Manda?
- Yavagu and Yusa?
- Vilepi?
- Composition of Milk?

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**Point-11 Dantotpatti evum Danta Raksha Vidhi (Dentition and dental care): Danta-sampat (Characteristics of healthy teeth), Danta Nisheka evum Dantodbheda (Eruption of teeth), Dantodbhedjanya Vikara (Dentition disorders).**

10 Marks

- Who can be called “Danta Sampat”?
- Which are the Danta Doshas?
- Describe the timing of teething.
- Write the importance of Dantasampat in maintaining health
- Write the treatment of teething disorders.
- What do you mean by Krimi danta? What are the cause for it and write about its clinical features and management in detail.

5 Marks

- Which are the Danta Doshas? Explain in brief
- Which are the preventive measures of Danta Dosha?
- Explain Dantobheda?
- Dwija.
- Write in detail about asthaya danta.

2 Marks

- When is a child born with teeth?
- If a child birth with teeth does it considered Manglik or Not? Why?
- Enumerate Danta Dosha?
- When does a child develop dental problems?
- Which teeth are called as RAJADANTA?
- When the Rajadanta does erupt?
- What is danta sampat?
- Write danta dosha.
- Sadantajanna
- Purvan uttaradanta janma
- Virala danta
- Hina danta
- Adhika danta

- Akala danta
- Karala danta
- Vivarla danta
- Sphutita danta
- Danta kandu
- Danta sabda

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**Point-12 Vyadhikshamatva: General concepts of Bala (Immunity) and methods of Bala Vriddhi.**

10 Marks

- Explain vyadhi kshamatva
- Write in detail about Immunity

5 Marks

- Qualities of ojas.
- Immunity.
- Write in detail about acquired immunity.
- Method of vyadhi kshamatva vriddhi.
- Difference between active and passive immunity.
- Kanya rasayana.
- Naimittika rasayana
- Ajasrika rasayana.
- Vardhman pippali rasayana.

2 Marks

- Enumerate drugs to improve immunity.
- Define Vyadhi Kshamatva



**Point-13 Prashan & Lehana: Indications, contra-indications, different drugs used in lehana**

10 Marks

- Describe thre Bala Roga Pareeksha Vidhi? Describe the Vedaneeya Adhyaya of Kashyap Samhita.
- Write the types of Lehas? Describe the Lehanaadhyaya of Kashyap Samhita
- Descripe according to Kashyap who are Lehyas and Alehyas?
- Describe the importance of Lehana.

5 Marks

- What is Suvarna Prashana?
- When should the Lehana been given?
- Define Lehya and Alehya ?
- Contra indications of Lehana.

2 Marks

- In which diseases Lehana is given?
- In which diseases Lehana is not given?

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**Point-14 Knowledge of National Programs related to Child Health Care: Reproductive and Child Health (RCH) Program, Community Child Health Programs, Nutritional Programs, National Immunization Program and other programs incorporated by Govt. of India from time to time**

10 Marks

- National programme related to child health care.

5 Marks

- National immunization schedule.
- Immunization schedule as per Indian medical association.
- BCG
- Explain DPT & MMR.
- Reproductive and child health programme
- Community child health programme.
- Nutritional programme.

2 Marks

- Preservation of vaccine.
- Live vaccine.
- Inactivated or killed vaccine.
- Human immunoglobuline.
- BCG
- OPV
- DPT
- MMR
- Typhoid vaccine

**KAUMARBHRITYA QUESTION BANK**

**PART-B**

**Point-1 Bala Pariksha-vidhi Evam Shishu Vedana Parigyan (Examination of sick child and Diagnostic methods-Ayurvedic and modern). Samanya Chikitsa Siddhanta (General principles of treatment in children)**

10 Marks

- Describe the Bala Roga Pareeksha Vidhi?
- Write the Samanya Chikitsa Siddhanta in childhood diseases.

5 Marks

- Samanya Chikitsa Siddhanta in child

2 Marks

- What are the important points in Bala Roga Pareeksha?
- What is the importance of Mother in Bala Roga Pareeksha?
- What is the importance of Dhatri in Bala Roga Pareeksha?
- What is the importance of Paricharika in Bala Roga Pareeksha?
- What are the duties of a Paricharika during Bala Roga Pareeksha?
- When a child should be examined?
- Where a child should be examined?

**Point-2 General Aushadhi Matra Nirdharana - for Ayurvedic and modern drugs preparations (drug doses according to age, weight and drug contents)**

10 Marks

- Define Aushadhi Matra Nirdharana in Bala and describe in detail with Ayurvedic and modern view

5 Marks

- Write the dosage of medicine in children according to Kashyapa Samhita
- Write the dosage of medicine in children according to Sarangadhara
- Write the Modern rules for dose fixation.
- Explain the rule to fix the dose in children based on their weight
- Explain the rule to fix the dose in children based on their Age
- Mention the dose of Niruha Basti in Children
- Mention the dose of Matra Basti in Children
- Write in detail about Basti Netra and its size based on age of a child.

2 Marks

- Write the dosage of medicine in children according to Sushruta
- Define Anupana with examples.
- Clark's rule for dose of medicine.

**Point-3 Specific therapeutic panchakarma procedures in children with special emphases on snehan, swedan and basti.**

10 Marks

- Write indications and contraindication of Panchkarma in Balyavastha.
- Basti Karma in Bala. Justify the statement.
- Types of Swedana. Explain in relation with pediatrics

5 Marks

- Indication of basti karma in bala.
- Usefulness and complication of Panchkarma in children.
- Explain the methods to bring the doshas from Sakha to Kostha.
- Types of snehana and justify the use of it in child.
- Types of swedana and justify the use of it in child
- Indication and contraindication of Swedana in children.
- How to protect bramha randhra during Swedana Karma?

2 Marks

- Define Snehana and its importance in pediatrics
- Types of Basti karma.
- Parihar kala (relation with Basti karma)?
- Anupana of Shodhanga Snehapana
- Hasta Sweda?

**Point-4 Prasava Kaleena Abhighata (Birth injuries): Shwasavrodha (Asphyxia neonatorum), Ulvaka, Upashirshaka (Caput Succidanum and Cephalohaematoma), Facial Paralysis, Erb's Paralysis, Bhagna (fractures).**

10 Marks

- Explain birth injury in detail

5 Marks

- Write in detail about Upasirsaka
- Write in detail about Ulvaka/ Ulbaka.
- Asphyxia neonatorum
- Caput Succedaneum
- Cephalhaematoma
- Brachial Palsy

2 Marks

- Klumpke's Paralysis
- Facial Paralysis
- Foramen ovale
- Erb's Paralysis

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**Point-5 Brief description of Sahajavyadhi (Congenital disorders): Sahaja Hridaya Vikara (Congenital Cardiac Disorders) Jalashirshaka (Hydrocephalus), Khandaoushtha (cleft lip), Khanda-Talu (cleft palate) Sanniruddha Guda (Anal stricture / imperforated anus), Pada Vikriti (Talipes equinovarus and valgus), Spina bifida, Meningocele, Meningomyelocele.**

10 Marks

- Write in detail about Sahaja vyadhi
- Ayurvedic concept of congenital anomalies

5 Marks

- Congenital heart disease
- Jalashirshaka
- Hydrocephalus
- What is Garbha Sosa? write its management
- Upavistaka and Upasushka
- Write the causes of IUGR and its management
- Management of cleft lip and cleft palate
- Sanniruddha Guda

2 Marks

- Khanda Talu
- Khanda Aoushtha
- Spina Bifida
- Meningocele
- Meningomyelocele

**Point-6 Brief knowledge of genetic disorders); Down syndrome, Turner Syndrome, Muscular dystrophy, Sickle-Cell Anemia, Thalassaemia, Sahaja Madhumeha (Juvenile diabetes).**

10 Marks

- Write in detail about common genetic disorders in children
- Explain Sahaja Madhumeha and its management according to ayurveda and modern science.

5 Marks

- Explain Down Syndrome in brief
- Explain Turner Syndrome in brief
- Explain Muscular Dystrophy in brief
- Explain Juvenile Diabetes in brief

2 Marks

- Sickle cell anemia
- Thalassaemia
- Write the management of Juvenile diabetes



**Point-7 Prasavottara Vyadhi (Neonatal disorders): Navajata Kamala (Neonatal Jaundice), Navajata Netrabhishyanda (Neonatal conjunctivitis), Nabhiroga (Umbilical disorders), Navajatshishu-raktavishmayata (Neonatal Septicemia)**

10 Marks

- What is Nabhi Nala Kartana Vidhi? Write in detail about Nabhi Roga(s) and its management.
- Balatisara and its treatment according to ayurveda and modern science.
- Write in detail about physiological and pathological jaundice.

5 Marks

- Nabhi Paka and its Ayurvedic management
- Neonatal jaundice and its management
- Differential diagnosis of Respiratory distress
- Describe Navajata Netrabhishyanda and its management
- What is Neonatal septicemia? Explain in detail

2 Marks

- Hyaline membrane disease
- Idiopathic respiratory distress syndrome
- Aspiration Pneumonitis
- Obstructive jaundice
- Congenital syphilis
- Neonatal septicemia
- Neonatal conjunctivitis

**Point-8 Dushta Stanyapanajanya Vyadhi (Disorders due to Vitiated Milk):  
Lactose intolerance, Kshiralasaka, Kukunaka, Ahiputana (Napkin Rashes)**

10 Marks

- Describe Dushta Stanyapanajanya Vyadhi in detail
- Describe Phakka Roga in detail

5 Marks

- Write about vata dushita stanyajanya vyadhi
- Write about pitta dushita stanyajanya vyadhi
- Write about kapha dushita stanyajanya vyadhi
- Lactose intolerance
- Disorders of child due to Dushta Stanapana(stanya) janya vyadhi
- Write the causes, symptoms and treatment of Daubalya.
- Write the causes, symptoms and treatment of Pascadruja
- Write the causes, symptoms and treatment of Sosa
- Write the causes, symptoms and treatment of kshiralasaka
- Explain Weaning discords in children
- Write the causes, symptoms and treatment of Parigarbhika
- Phakka Roga treatment
- Kwashiorkar and Marasmus
- Vyadhija Phakka
- Kukunaka and its treatment
- Ahiputana and its management

2 Marks

- Kwashiorkar
- Kshiraja Phakka
- Garbhaja Phakka
- Ahiputana

**Point-9 Kuposhanjanya Vyadhi (Nutritional disorders): Karshya, Phakka, Balashosha and Parigarbhika (Protein Energy Malnutrition), Vitamin and Micro-nutrient deficiency disorders, Hyper-vitaminosis, failure to thrive.**

10 Marks

- Write in detail about kuposhanjanya vyadhi and its management

5 Marks

- Write in detail about rickets
- Describe karshya and its treatment
- Describe Phakka and its treatment
- Describe Balashosha and its management
- Describe Parigarbhika and its management
- Vitamin deficiency disorders
- Micro nutrient deficiency disorders
- Explain Hyper vitaminosis
- FTT- Failure to thrive and its Ayurvedic management

2 Marks

- Protein Energy Malnutrition
- Rickets
- Anemia

**Point-10 Aupasargika Vyadhi (Infectious Diseases): Karnamula Shotha (Mumps), Romantika (Measles), Rubella, Masurika (Chicken Pox), Rohini (Diphtheria), Kukkura-Kasa (Whooping Cough), Dhanurvata (Tetanus), Krimiroga (Worm Infestations), Antrika Jwara (Typhoid), Mastisakavarnashotha (Meningitis), AIDS, Dengue, Malaria, Rajayakshma (Tuberculosis), Jivanujanya Yakrit Shotha (Hepatitis)**

10 Marks

- Write in detail about Anupasargika vyadhi.
- Write in detail about Mumps, measles and rubella
- Explain Antrika jwara
- Types of Krimi and its management as per ayurveda classics

5 Marks

- Mumps
- Karnamula shotha
- Measles
- Romantika
- Rubella
- Masurika
- Chicken pox
- Rohini
- Diphtheria
- Kukkura kasa
- Whooping cough
- Dhanurvata
- Tetanus
- Krimi roga
- Antrika jwara
- Mastiskavarana shotha (Meningitis)
- Aids
- Dengue
- Malaria
- Tuberculosis
- Hepatitis

- Bronchial asthma

2 Marks

- Whooping cough
- Sitapitta
- Urticaria
- Charmadala
- Eczema
- Tamak swasa
- Allergic disorders

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**Point-11 Srotas Vikara:**

- a) **Pranavaha Srotas:** Pratishyaya (common cold), Kasa (Cough), Shwasa (Respiratory distress syndrome), Tamaka Shwasa (Bronchial Asthma), Utpthuliika, Swasanaka Jwara (Pneumonia/Pneumonitis, Bronchiolitis), Gala shotha (Pharyngitis, Laryngitis), Talukantaka (Tonsillitis)
- b) **Annavaaha Srotas:** Ajirna (Indigestion), Atisara (Diarrhoea), Chhardi (Vomiting), Vibandha (Constipation), Mukhapaka (Stomatitis), Gudapaka (Proctitis), Parikartika (Anal fissure), Udarshula (Infantile Colic), Pravahika (Dysentry), Gudabhransa (Rectal Prolapse). Ama and its disorders like Ama vata jwara (Rheumatic fever).
- c) **Rasavaha Srotas:** Jwara (Fever), Pandu (Anemia), Mriddbhakshanajanya Pandu (Anemia associated with clay eating/Pica).
- d) **Raktavaha Srotas:** Kamala (Jaundice), Raktapitta (Haemorrhagic disorders), Yakritodara (Hepatomegaly) and Pieehodara (Splenomegaly)
- e) **Mamsa-Medovaha Srotas:** Apachi (Lymphadenitis), Galaganda (Goitre), Gandamala (Cervical Lymphadenopathy).
- f) **Mutravaha Srotas:** Shopha in Vrikka (Glomerulonephritis and Nephrotic syndrome)

10 Marks

- Write the Nidana, Lakshana and Chikitsa of Ama and Amaj vyadhi
- Write in detail about Rasavaha srotas vyadhi and its management with reference to Kaumarbharitya.
- Write in detail about Raktavaha srotas vyadhi and its management with reference to Kaumarbharitya.
- Write in detail about Medavaha srotas vyadhi and its management with reference to Kaumarbharitya.
- Write in detail about Annavaaha srotas vyadhi and its management with reference to Kaumarbharitya.
- Write in detail about Pranavaha srotas vyadhi and its management with reference to Kaumarbharitya.
- Write in detail about Mutravaha srotas vyadhi and its management with reference to Kaumarbharitya.

## 5 Marks

- Write a brief note on the Nidana, Lakshana and Chikitsa of Pratishtyay
- Write a brief note on the Nidana, Lakshana and Chikitsa of kasa
- Write a brief note on the Nidana, Lakshana and Chikitsa of Swasa
- Write a brief note on the Nidana, Lakshana and Chikitsa of Tamaka swasa
- Write a brief note on the Nidana, Lakshana and Chikitsa of Utpuliika
- Write a brief note on the Nidana, Lakshana and Chikitsa of Swasanaka jwara
- Write a brief note on the Nidana, Lakshana and Chikitsa of Gala shotha
- Write a brief note on the Nidana, Lakshana and Chikitsa of talukan taka
- Write a brief note on the Nidana, Lakshana and Chikitsa of ajirna
- Write a brief note on the Nidana, Lakshana and Chikitsa of Bala atisara
- Write a brief note on the Nidana, Lakshana and Chikitsa of chhardi
- Write a brief note on the Nidana, Lakshana and Chikitsa of Vibhandha
- Write a brief note on the Nidana, Lakshana and Chikitsa of Mukhapaka
- Write a brief note on the Nidana, Lakshana and Chikitsa of Gudapaka
- Write a brief note on the Nidana, Lakshana and Chikitsa of Parikartika
- Write a brief note on the Nidana, Lakshana and Chikitsa of Udarshula
- Write a brief note on the Nidana, Lakshana and Chikitsa of Pravahika
- Write a brief note on the Nidana, Lakshana and Chikitsa of judadabhransa
- Write a brief note on the Nidana, Lakshana and Chikitsa of Amavata jwara
- Write a brief note on the Nidana, Lakshana and Chikitsa of jwara
- Write a brief note on the Nidana, Lakshana and Chikitsa of Pandu
- Write a brief note on the Nidana, Lakshana and Chikitsa of Mrut bhakshanajanya pandu
- Write a brief note on the Nidana, Lakshana and Chikitsa of Kamala
- Write a brief note on the Nidana, Lakshana and Chikitsa of raktapitta
- Write a brief note on the Nidana, Lakshana and Chikitsa of Yakrutodara
- Write a brief note on the Nidana, Lakshana and Chikitsa of Pleehodara
- Write a brief note on the Nidana, Lakshana and Chikitsa of Apachi
- Write a brief note on the Nidana, Lakshana and Chikitsa of Galaganda
- Write a brief note on the Nidana, Lakshana and Chikitsa of Gandamala
- Write a brief note on the Nidana, Lakshana and Chikitsa of Shopha in vrikka

2 Marks

- Balatisara
- Types of fever
- Ama lakshana
- Ama chikitsa
- Types of Chardi
- Types of Atisara
- Types of Pandu
- Treatment of tuberculosis
- Diagnostic test for tuberculosis
- Diagnostic test for pandu and kamala
- Enumerate rakta vaha srotas vyadhi
- Enumerate rasa vaha srotas vyadhi
- Enumerate Prana vaha srotas vyadi
- Enumerate anna vaha srotas vyadhi
- Enumerate mutra vaha srotas vyadhi
- Liver function test
- Kidney function test

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**Point-12 Anya Bala Vikara (Miscellaneous Pediatric Disorders), Apasmara (Epilepsy), Akshepa (Convulsions), Nirudhaprakasha (Phimosis), Cerebral palsy.**

10 Marks

- Describe Apasmara According to Ayurveda and modern science.
- Write the causes, symptoms and management of Bala Apasmara in detail from modern and Ayurvedic view points.
- Write in detail about CP child.
- Cerebral palsy in children

5 Marks

- Write a brief note on the Nidana, Lakshana and Chikitsa of Pakshaghata.
- Write a brief note on the Nidana, Lakshana and Chikitsa of Ardita.
- Write a brief note on the Nidana, Lakshana and Chikitsa of Apasmara
- Write a brief note on the Nidana, Lakshana and Chikitsa of Akshepaka
- Write a brief note on the Nidana, Lakshana and Chikitsa of Nirudha Prakasha
- Write a brief note on the Nidana, Lakshana and Chikitsa of Cerebral Palsy

2 Marks

- Types of Apasmara.
- Explain Akshepaka
- Nirudha Prakasha
- CP Child

**Point-13 Behavioral Disorders of Children, their management and counseling: Breath holding spell, Shayyamutra (Bed wetting), Pica, Unmada, Autism, ADHD (Attention Deficit and Hyperactive Disorders), Jadatwa (Mental retardation)**

10 Marks

- What is to be done in Child's Psychology?
- Write an essay on the fundamentals of mental development of children.
- Enumerate the causes of psychological illness in children and how to prevent them?
- Describe the importance of Psychology in a child's health.
- Describe Behaviour Disorders in children.
- Describe Shayyamutrata in detail.
- Write in detail on the causes and management of Shayyamutrata from both Ayurvedic and modern science..
- Describe Unmada vyadhi.
- What are the causes in children? What are the difference types of it and write about their symptoms, investigations and management.

5 Marks

- State the importance of toys in child Psychology?
- Write in detail about Jadatwa in children.
- State the importance of Paricharika in child Psychology?
- What is the importance of Medhya Dravya Sevana in Bala Mano Vigyana?
- Describe the relation between Bala Mano Vigyana and Bala Swasthya?
- Counseling of a child suffering from Behavior Disorders
- What is breath holding spell? Write the management of it in brief
- What is Autism? Explain in relation with child's psychology.
- Write in detail about ADHD.
- Write in detail about Apasmara in children
- 

2 Marks

- What is the importance of mother in child Psychology?
- What is the importance of Dhatri in child Psychology?

- Importance of Counseling in children.
- Drug of choice in Shayyamutrata.
- What is PICA?
- Explain ADHD.
- IQ assessment?
- Acala vata
- Gadodwega
- Atatwabhinivisa

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**Point-14 Pran raksha vidhi (Life saving measures in children): Principles of management of Shock and Anaphylaxis, Poisoning, Foreign body in respiratory tract, Status epilepticus, Hemorrhage, Acute Renal Failure, Febrile Convulsion, Status Asthmaticus, Fluid and Electrolyte Management.**

10 Marks

- Write the Prana Raksha vidhi (life saving measures) in detail.
- Explain Life saving measures in pediatrics.
- Management of Febrile convulsion in children
- Write in detail about fluid and electrolyte management in children.

5 Marks

- Principles of management of Shock and Anaphylaxis in Children.
- What is Anaphylaxis? Explain with suitable examples in pediatrics.
- Principles of management of Poisoning in Children.
- Explain the life saving techniques related to foreign body in respiratory tract.
- Management of Hemorrhage in children
- Management of Acute renal failure in children
- Management of Febrile convulsion in children
- Management of Status Asthmatics in children

2 Marks

- Status Epileptics
- Status Asthmatics
- Febrile convulsion
- Life Saving Techniques in child

**Point-15 Balagraha: General description, classification, clinical features and management**

10 Marks

- Write an essay on Bala graha, its types, cardinal symptoms and principal of management.
- What is the Bala Graha? How many are there? Write in detail on the classical treatments adopted in Balagraha Chikitsa.
- Why do Balagraha affects only children? When do they affect? Write in detail on the Balagraha Skandha with its managements.
- Write an essay on the causes, symptoms and management of the Skandha and Skandapasmara.

5 Marks

- What are the samanya Purvarupa and rupa of Balagrahas?
- Classification of Balagrahas in detail.
- Classification of Balagrahas as per Vaghbhatta.
- Classification of Balagrahas as per Sushruta.
- Classification of Balagrahas as per Kashyapa.
- Morphology, habit and Characters of Grahas as per ayurveda
- Explain why Balagraha affect the children only and write the different types according to different text.
- Write the nidana, lakshana and chikitsa of Skandha Graha.
- Write the nidana, lakshana and chikitsa of Skandhapasmarab Graha.
- Write the nidana, lakshana and chikitsa of Vishakha Graha.
- Write the nidana, lakshana and chikitsa of Mesha Graha.
- Write the nidana, lakshana and chikitsa of Shwa Graha.
- Write the nidana, lakshana and chikitsa of Pitru Graha.
- Write the nidana, lakshana and chikitsa of Putana Graha.
- Write the nidana, lakshana and chikitsa of Sheeta Putana Graha.
- Write the nidana, lakshana and chikitsa of Andha Putana Graha.
- Write the nidana, lakshana and chikitsa of Mukha Mandatika Graha.
- Write the nidana, lakshana and chikitsa of Shakuni Graha.
- Write the nidana, lakshana and chikitsa of Revati Graha.
- Write the nidana, lakshana and chikitsa of Shushka Revati Graha.

- Write in brief the treatment of Balagraha.
- What is the role of Dhupana in Balagraha chikitsa? Explain with examples.
- Give your opinion on Balagraha, How we can explain it in the present era?
- Write the different types of Balagraha and compare them with most suitable disease entity according to different modern day Ayurvedic texts with justification.

2 Marks

- Write the Nidana of Balagraha Vyadhi?
- Write the Samprapti of Balagrahas?
- Classification of Balagrahas as per Vagbhata.
- Classification of Balagrahas as per Sushruta.
- Classification of Balagrahas as per Kashyapa
- Enumerate Male Grahas
- Enumerate Female Grahas
- Enumerate Grahas.

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