



**Avinashilingam Institute for Home Science and Higher Education for Women**  
(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)  
Re-accredited with 'A+' Grade by NAAC. Recognised by UGC Under Section 12B  
Coimbatore - 641 043, Tamil Nadu, India

**Bachelor's Degree Examination - January 2021**  
**V Semester**

**Class : III UG**  
**Major : Physician Assistant**

**Time : 3 Hours**  
**Max. Marks : 100**

**18BPAC20 Pediatrics**

**PART A**  
**Choose the Correct Answer**

**10 x 1 = 10**

- In embryonic period , all the following are true EXCEPT
  - Formation of blastocyst by 8 days
  - Formation of endoderm and ectoderm by 2 weeks
  - Formation of mesoderm by 6 weeks
  - Formation of human like embryo by 8 weeks
- The age at which the infant achieve early head control with bobbing motion when pulled to sit is
  - 2 Months
  - 3 Months
  - 4 Months
  - 5Months
- The birth weight usually quadruples by the age of
  - 1.5 year
  - 2year
  - 2.5 year
  - 3 year
- A 2 year old child with failure to thrive , recurrent wheezing and pulmonary infections of the following , the LEAST common cause of his illness is
  - Asthma
  - Aspiration
  - Food allergy
  - Immuno deficiency
- In a child with failure to thrive , the indications for hospitalization include severe malnutrition or failure of out patient management. The period after which the child needs hospitalization, if he has not been responded to out patient management , is about
  - 1-2 weeks
  - 4 weeks
  - 2-3 months
  - 4 months
- The adequate intake for the total digestible carbohydrates in a 9 month old boy is
  - 60 gm/day
  - 95 gm / day
  - 120 gm/ day
  - 145 gm/day
- A single umbilical artery in a newborn infant increases the risk for,
  - Meningomyelocele
  - Occult renal anomaly
  - Omphalocele
  - Gastroscisis
- The outward sign of cell damage in mal nutrition is
  - Repeated infections
  - Wasting
  - Edema
  - Hepatomegaly
- Post anesthetic apnea is most common with the 1<sup>st</sup> 12 hrs after surgery and has been reported in pre mature infants up to 48 hrs later. General anesthesia should be avoided in full term infants younger than post conceptual age of
  - 44 Weeks
  - 46 Weeks
  - 48 Weeks
  - 50 Weeks
- The first response to un witnessed un responsive infant is to
  - Activate emergency response system
  - Check pulse
  - Start rescue breathing
  - Start chest compression

**Part B**

**5 x 6 = 30**

**Answer ALL questions**

**Each answer should not exceed 400 words or two pages**

- 11.a. Cushing Syndrome – Explain.  
(or)  
11. b. Discuss about Bronchitis.
- 12.a. BFHI.  
(or)  
12. b. Differences between Hypospadiasis and Epispadiasis.
- 13.a. Explain about APGAR Score.  
(or)  
13. b. Write in detail about KMC.
- 14.a. Neonatal jaundice.  
(or)  
14. b. Foreign bodies obstruction in paediatrics.
- 15.a. Juvenile Rheumatoid arthritis.  
(or)  
15. b. Discuss briefly of UTI.

**Part C**

**5 x 12 = 60**

**Answer ALL questions**

**Each answer should not exceed 800 words or four pages**

- 16.a. Explain in detail about growth and development of infant and toddler.  
(or)  
16. b. Explain in detail about nutritional needs of infants and children.
- 17.a. Define congenital heart disease, classification and explain in detail about a cyanotic heart disease.  
(or)  
17.b. Explain tracheo oesophageal fistula, its types and the management of child with TEF.
- 18.a. Define newborn ,classification, assessment, and care of newborn baby at birth.  
(or)  
18.b. Neonatal resuscitation.
- 19.a. Define Leukemia, its types and management of child with Leukemia.  
(or)  
19.b. Congenital adrenal Hyperplasia – Definition, causes, clinical features, lab investigations, management and prevention.
- 20.a. Discuss in detail – Protein Energy Malnutrition.  
(or)  
20.b. DDH- Developmental dysplasia of Hip explain in detail.

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