



**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 – March 2021**  
**I Semester**

**Class : I UG**  
**Major : Human Development**

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

**18BHDC02 Prenatal and Neonatal Development**

**Part A**  
**Choose the Correct Answer**

**10 x 1 = 10**

1. Development that takes place before the birth of the child
  - a. Post-natal
  - b. Pre-natal
  - c. Peri-natal
  - d. Anti-natal
2. The name for a developing human organism from the third to eighth week after conception.
  - a. Embryo
  - b. Fetus
  - c. Anoxia
  - d. Preterm
3. Delivery of a baby through surgically made slit in the mother's abdominal wall is
  - a. Transverse birth
  - b. Breech birth
  - c. Instrumental suction
  - d. Caesarian section
4. Anoxia is
  - a. Inadequate oxygen supply
  - b. Premature separation of placenta
  - c. A technique to obtain sample of amniotic fluid
  - d. None of the above
5. Teratogen is
  - a. A type of ultrasound
  - b. A layer of the embryo
  - c. Agents and conditions, including viruses, drugs, and chemicals, that can impair prenatal development and result in birth defects or even death
  - d. A measure of prenatal activity
6. Birth defects caused due to
 

a. Prescription medicines	b. Teratogens
c. Care during Pregnancy	d. Good Mental Health
7. Twins formed by two separate eggs fertilized by two separate sperm:
 

a. Fraternal twins	b. Identical twins
c. Triplets	d. Conjoined twins
8. A quick assessment of a newborn's health. The baby's color, heart rate, reflexes, muscle tone, and respiratory effort are
 

a. WISC	b. APGAR scale
c. Griffiths scale	d. Bayley Scale
9. What age range does the Moro Reflex become integrated?
 

a. 2-5 months	b. 1-3 months
c. 6-8 months	d. 4-6 months

10. Expand REM

- a. Right Eye Movement
- c. Rooting Eye Reflex

- b. Regular Eye Movement
- d. Rapid Eye Movement

**Part B**

**5 x 6 = 30**

**Answer ALL questions**

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

11.a. List out the stages of pre-natal development.

(or)

11.b. Write about the signs & symptoms of pregnancy.

12.a. Explain the prenatal influences affecting the foetus.

(or)

12.b. Write short notes on hereditary influence on Prenatal Development.

13.a. Describe any two types of Child birth.

(or)

13.b. Write about still birth.

14.a. Why is the new-born period a crucial time for adjustment?

(or)

14.b. What is APGAR scale?

15.a. Write about any two Teratogens which influences on Prenatal development.

(or)

15.b. What are the characteristics of new born baby?

**Part C**

**5 x 12 = 60**

**Answer ALL questions**

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

16.a. Explain major milestones of prenatal development.

(or)

16.b. Briefly explain the stages of pre-natal life.

17.a. Write an essay on heredity and environment.

(or)

17.b. Explain the maternal factors to be considered during prenatal period.

18.a. Describe the stages of child birth.

(or)

18.b. Write about any two complications during birth process.

19.a. Enumerate the adjustments during newborn stage.

(or)

19.b. Explain how new born condition was assessed.

20.a. What is a reflex? Explain different new born reflexes.

(or)

20.b. Explain about the daily routines of new born.

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