



## BRAINWARE UNIVERSITY

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**Term End Examination 2024-2025**  
**Programme – B.Sc.(FND)-Hons-2023**  
**Course Name – Human Development**  
**Course Code - BFD30002**  
**( Semester III )**

**Full Marks : 60**

**Time : 2:30 Hours**

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

### Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Which vitamin is crucial for preventing neural tube defects during pregnancy?
  - a) Vitamin A
  - b) Vitamin C
  - c) Folic Acid
  - d) Vitamin D
- (ii) Summarize the role of the umbilical cord in fetal development.
  - a) It connects the baby to the amniotic sac
  - b) It supplies oxygen and nutrients to the fetus
  - c) It produces hormones necessary for pregnancy
  - d) It protects the fetus from external shocks
- (iii) Calculate the gestational age of a fetus if the due date is March 10 and today's date is January 1.
  - a) 28 weeks
  - b) 30 weeks
  - c) 32 weeks
  - d) 34 weeks
- (iv) Which of the following is a key area of development in early childhood?
  - a) Physical
  - b) Social
  - c) Emotional
  - d) All of these
- (v) How can educators effectively use art activities to promote emotional development in children?
  - a) By setting strict guidelines on how art should be completed
  - b) By encouraging self-expression and discussing feelings through artwork
  - c) By focusing solely on the technical aspects of art
  - d) By limiting art activities to individual tasks only
- (vi) Which of the following factors primarily influences a child's personality development in the family setting?
  - a) Birth order
  - b) School curriculum
  - c) Peer interactions
  - d) Community activities
- (vii) Which of the following is a common type of special educational need?

- a) Autism Spectrum Disorder  
c) Behavioral disorder due to a family issue
- (viii) Which of the following is an example of an assistive technology device?  
a) Standard classroom desk  
c) Speech-to-text software
- (ix) How does a Functional Behavioral Assessment (FBA) contribute to supporting students with behavioral challenges?  
a) It provides a summary of academic achievements  
c) It determines the student's eligibility for special education services
- (x) Which of the following is a common role assumed in early adulthood?  
a) Becoming a grandparent  
c) Managing retirement funds
- (xi) Why might individuals in middle adulthood experience increased stress related to caregiving?  
a) They are transitioning into retirement  
c) They are focusing solely on personal hobbies.
- (xii) Develop a strategy to address the challenges of balancing career and family responsibilities in middle adulthood. What should be included?  
a) Prioritize personal hobbies over family time  
c) Avoid delegating tasks to others
- (xiii) Identify the primary hormone associated with aging.  
a) Insulin  
c) Cortisol
- (xiv) Explain the concept of the "social clock."  
a) A biological timer that regulates aging  
c) A psychological process of adapting to old age
- (xv) How does sleep quality change with age?  
a) Sleep becomes deeper and more restful  
c) Sleep becomes more fragmented and less restorative
- b) Temporary illness  
d) Sleep deprivation
- b) Interactive whiteboard  
d) Classroom projector
- b) It identifies the reasons behind challenging behaviors to create effective intervention strategies  
d) It tracks daily attendance and participation in class
- b) Starting a career and possibly a family  
d) Caring for elderly relatives
- b) They are often managing responsibilities for both their children and aging parents.  
d) They have fewer responsibilities compared to early adulthood.
- b) Set clear boundaries between work and home life, and use time management techniques  
d) Focus only on career advancement without considering family needs
- b) Growth hormone  
d) Melatonin
- b) Societal expectations and norms related to age  
d) A physical change associated with aging
- b) Sleep patterns remain consistent  
d) Sleep needs increase significantly

#### Group-B

(Short Answer Type Questions)

3 x 5=15

2. Define psychosexual theory of human development. (3)
3. Given a scenario where a newborn has a low Apgar score, describe the immediate steps a healthcare provider should take (3)
4. Describe three types of activities that support the cognitive development of children in early childhood. (3)
5. Describe the techniques schools can apply to create an inclusive environment that supports diverse cultural backgrounds. (3)
6. Analyze the potential impact of child labor on a child's educational and emotional development. (3)

OR

Compare the effectiveness of institutional care versus foster care for orphans. Consider aspects such as emotional support and developmental outcomes.

(3)

**Group-C**

(Long Answer Type Questions)

5 x 6=30

7. Evaluate the impact of child abuse on a child's social and emotional development. Provide examples of potential long-term effects. (5)
8. Identify and describe the major milestones in fetal development during each trimester of pregnancy (5)
9. Evaluate the effectiveness of school-based mental health programs in improving adolescent well-being. (5)
10. Explain the impact of incorporating music and rhythm activities on children's language and social development. (5)
11. Explain the effects of community involvement on a child's personality development. (5)
12. Explain two types of assistive technology used in the education of children with disabilities. (5)

OR

Explain the impact of early intervention on the developmental outcomes of children with disabilities. (5)

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