

MASTER'S DEGREE (C.S.S) EXAMINATION, NOVEMBER 2024
2023 ADMISSIONS REGULAR
SEMESTER III - CORE COURSE CHILD DEVELOPMENT
CD3C10TM20 - Brain Development and Stimulation in Early Years

Time : 3 Hours

Maximum Weight : 30

Part A

I. Answer any Eight questions. Each question carries 1 weight**(8x1=8)**

1. Does stress in mothers during pregnancy affect brain development? Discuss.
2. Define laterality of brain.
3. Point out the behavioural warning signs of developmental delay.
4. State the importance of early identification of developmental delays.
5. Bring out the significance of early intervention in rectifying developmental delays.
6. Write a note on SI therapy and its importance.
7. Enlist a few materials used for early stimulation.
8. Brief on the modes of early stimulation.
9. Enlist the intervention strategies followed to stimulate creeping and crawling in a child with developmental delay.
10. Enlist toys and objects that will facilitate stimulation and learning in children.

Part B

II. Answer any Six questions. Each question carries 2 weight**(6x2=12)**

11. Write a note on the thalamus and hypothalamus and its significance.
12. Investigate the role and importance of the cerebral hemispheres.
13. Describe about neurological evaluation of children with delay.
14. Does age and stress of the mother influence the developing brain of the baby? Justify with suitable research findings.
15. 'Early intervention is a tool encompassing the right components for bridging the gap between milestones' - Justify.
16. Discuss the indigenous materials that can be used as tools for early stimulation at home.
17. Derive interventions for the development of hand functions.
18. Point out the intervention techniques to promote eye focus and following behaviour.

Part C

III. Answer any Two questions. Each question carries 5 weight**(2x5=10)**

19. Discuss the structure and functions of the structures seen in the brain stem.
20. Explain the aetiology of developmental delay.
21. Justify why home is considered to be the best stimulating environment for a child.
22. Explain in detail about the approaches that should be taught to a parent having a child who needs stimulation with suitable examples.