



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 – July 2020

IV Semester

Class : II B.Sc.

Major: Special Education and Mathematics

Time: 3 Hours

Max. Marks: 100

18BSEC09 – Motor Disability

PART – A

10 X 1 = 10

Choose the correct Answer

- Which bone protects the Brain?
 - The Cerebellum
 - The Cerebrum
 - The cranium
 - Before 5 years old
- What makes bones so strong?
 - Calcium and Phosphorous
 - Cartilage
 - Blood and Marrow
 - Silica
- The common characteristics of Ataxic CP is
 - Pralysis of the trunk
 - Involuntary movement
 - Impaired balance
 - Walking with exaggerated movement
- The polio virus attacks the part of
 - Legs
 - Arms
 - Brain
 - Spinal cord
- Joysticks mainly used in
 - Cane
 - Wheelchair
 - Walkers
 - Crutches
- Accessibility means
 - Physical environment
 - Transportation
 - Technology
 - All the above
- Stephen Hawking was diagnosed with what disease?
 - Motor neuron
 - Hapatitis B
 - Multiple sclerosis
 - Polio
- Behaviour psychotherapy technique include all, except
 - Response prevention
 - Modelling
 - Exposure
 - Reinforcement schedules
- Which of the following are goals of a transition plan?
 - Independent living skills training only
 - Vocational training and postsecondary education
 - Complete high school with the goal of working in a sheltered workshop
 - Parenting skills and homemaking skills only
- IEP team considers this when selecting AT devices for students with disabilities
 - Teacher and parent recommendations
 - The cost and availability of the device
 - The age of onset and the degree of disability
 - Age of onset and teacher recommendation

Part – B

5 X 6 = 30

Answer the following questions

Answer should not exceed 400 words or two pages

11. a. Explain the need for identification of children with motor disabilities.
(or)
11. b. Describe the structure of neuromuscular system.
12. a. Explain the different types of cerebral palsy.
(or)
12. b. Describe the importance of health education.
13. a. Explain the use of any three adaptive devices for CP.
(or)
13. b. Discuss the physical barriers faced by children with motor disability in school environment.
14. a. Discuss the problems faced by parents of children with motor disabilities.
(or)
14. b. Explain Daily Living Skills.
15. a. Explain the concept of sheltered workshops.
(or)
15. b. Analyse the use of self employment training for persons with motor disability.

Part – C

5 X 12 = 60

Answer the following questions

Answer should not exceed 800 words or four pages

16. a. Explain the anatomy and physiology of human body.
(or)
16. b. Discuss the different types of motor disabilities.
17. a. Explain the psychological and behavioural problems of children with motor disabilities.
(or)
17. b. Discuss the causes and preventive measures of motor disability.
18. a. Explain the role of adaptive devices in facilitating educational and functional activities among children with motor disabilities.
(or)
18. b. Explain architectural barriers and need for Barrier Free Environment.
19. a. Describe the various roles of parents, siblings and peers in rehabilitation process.
(or)
19. b. Counselling and psychotherapy is important for parents of children with disabilities – Examine the concept and process.
20. a. Discuss the features of job assessment and performance evaluation.
(or)
20. b. Explain the various modes of job training.
