

2014

COMMUNITY BASED REHABILITATION

Full Marks: 100

Time: 3 Hours

The figures in the margin indicate full marks for the questions.

Essay Type Question:

Answer Any two out of three questions:

2×10

- (a) Disability evaluation.
- (b) Health care delivery system in India.
- (c) Write about orthosis, its types, their advantages and disadvantages.

Answer any ten out of twelve questions:

5×10

- (a) Write a note on ambulation aids.
- (b) Burn rehabilitation.
- (c) Ergonomics in Workplace.
- (d) DMD – Clinical features and physiotherapy management.
- (e) District Rehabilitation Center.
- (f) Theories of Pain
- (g) Functional Electrical stimulation (FES)
- (h) Gait training for Parkinsonism
- (i) Difference between CBR and IBR.
- (j) Role of physiotherapy in CBR.
- (k) Write in detail about physiology of aging .
- (l) Modification of architectural Barrier for Disabled person.

3. Answer any five out of seven questions.

2×5

- (a) Phantom Limb Pain.
- (b) Autonomic Dysreflexia.
- (c) SACH Foot.
- (d) Decentralization.
- (e) Deformities in Hansen's Disease.
- (f) Basic components of exercise training.
- (g) Occupational Hazards.

P.T.O.

4. Answer all the questions.

1×20

- (a) The setting sun sign is seen in :
- Hydrocephalus.
 - Osteogenesis imperfect
 - Spina bifida
 - Microcephaly
- (b) The following is a degenerative arthritis
- Rheumatoid arthritis .
 - Osteoarthritis.
 - Ankylosing spondylitis.
 - Gout arthritis.
- (c) Klumpke's paralysis involves:
- C2 to C4
 - C4 to C6
 - C1 to C3
 - C8 to T1
- (d) Inability to perform rapid alternating movements in Cerebellar lesions is known as:
- Dysmetria
 - Dysdiadochokinesia
 - Bradykinesia
 - Friedreich's ataxia
- (e) Following are included in gross motor abilities except:
- Holding a cup.
 - Threading a needle.
 - Holding a table.
 - Holding a book.
- (f) The National Institute for the Mentally Handicapped is in:
- Bombay.
 - Bangalore
 - Secunderabad.
 - Ministry of Welfare, New Delhi.
- (g) The minimum slope for a ramp should be:
- 1:2
 - 1:4
 - 1:12
 - 1:6

- (h) Hand grasp strength is measured with:
- Pinch gauge
 - Dynamometer
 - Muscle testing
 - Sensory evoked potentials
- (i) The crutch where measurement is taken from the olecranon with the elbow flexed to 90 degree is:
- Axillary crutch
 - Elbow crutch
 - Gutter crutch
 - Tripod crutch
- (j) Amputation through the elbow joint is referred to as:
- Transhumeral amputation
 - Elbow disarticulation
 - Below elbow amputation
 - Krukenberg amputation amputation
- (k) An example of lumbosacral orthosis is:
- Milwaukee brace
 - SOMI brace
 - Knight brace
 - Four postcollar
- (l) Uses of LASER are as follows except:
- Ulcer
 - Psoriasis
 - Inflammatory arthropathies
 - Carcinoma
- (m) A horticulture therapist works with:
- Horses
 - Rice grains
 - Trees and plants
 - Cultural programmes
- (t) Which of these is a disability?
- Inability to get a proper wheelchair
 - Spina bifida
 - Inability to pay for treatment
 - Partial hearing loss in right ear.

- (n) WHO was established in the year:
 - i) 1932
 - ii) 1948
 - iii) 1990
 - iv) 1950
- (o) The ability of a muscle to exert force for a brief period of time is known as:
 - i) Muscular strength
 - ii) Muscular flexibility
 - iii) Muscular endurance
 - iv) Muscular fitness
- (p) Persons with Disability Act (PWD) was established in the year:
 - i) 2000
 - ii) 1985
 - iii) 1947
 - iv) 1995
- (q) Assessment of true length is done with:
 - i) Pelvis tilted and measuring from umbilicus to medial malleolus.
 - ii) Pelvis leveled and measuring from ASIS to medial malleolus
 - iii) Pelvis leveled and measuring from umbilicus to lateral malleolus
 - iv) Pelvis leveled and measuring from ASIS to lateral malleolus
- (r) The travel concession by rail for severe orthopaedic disability is:
 - i) 40%
 - ii) 50% including escort
 - iii) Upto 75% including escort
 - iv) 25%
- (s) Lack of memory is known as:
 - i) Amnesia
 - ii) Dyslexia
 - iii) Dysgraphia
 - iv) Agnosia