

Total number of printed pages-8

34 (4) CMBR 4-4

2017

**COMMUNITY BASED REHABILITATION**

Full Marks : 100

Time : Three hours

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

1. Essay type questions : (***Any two*** out of ***three***)  
2×10=20
  - (a) Define Vocational Rehabilitation. Explain the role of the Vocational Rehabilitation team. Write about the various models of employment.  
1+5+4
  - (b) Elaborate the different types of Cerebral Palsy. Write in detail about the PT Management of CP in the community. Enlist the home advices for the same.  
4+5+1
  - (c) Explain in detail about the Physiology of aging. Describe about the various architectural barriers encountered by the Geriatric along with the modifications.  
5+5

Contd.

2. Short Essay type : (**Any ten** out of **twelve**)  
5×10=50

- (a) Role of Social Worker.
- (b) Disability Evaluation.
- (c) Difference between CBR and IBR.
- (d) Strategies to improve ADL.
- (e) Work hardening and Work conditioning.
- (f) Write about splints, its types, their advantages and disadvantages with examples.
- (g) Rheumatoid hand — Deformities and PT Management.
- (h) National Agencies for PWDs.
- (i) Approaches for Delivery of Rehabilitation Care.
- (j) Write about Stress Management.
- (k) Multipurpose Health Worker.
- (l) OA knee – PT as a boon.

3. Short Answer Type : (**Any five** out of **seven**)  
2×5=10

- (a) Principles of exercise prescription.
- (b) Concessions for PWDs.
- (c) Major functions of the hand
- (d) Foot Orthosis.
- (e) Gower's Sign.
- (f) Mobility aids.
- (g) Genetic Counseling.

4. Multiple Choice Questions : 1×20=20

- (a) A horticulture therapist works with
  - (i) Horses
  - (ii) Rice Grains
  - (iii) Trees and plants
  - (iv) Cultural programmes.
- (b) Amputation through the elbow joint is referred to as :
  - (i) Transhumeral amputation
  - (ii) Elbow disarticulation
  - (iii) Elbow amputation
  - (iv) Krukenberg amputation.

(c) Inability to perform rapid alternating movements in Cerebellar lesion is known as:

- (i) Dysmetria
- (ii) Dysdiadochokinesia
- (iii) Bradykinesia
- (iv) Friedreich's ataxia.

(d) Cause of DMD is deficiency of which protein?

- (i) Dystropin
- (ii) Actin
- (iii) Dystrophin
- (iv) Myosin.

(e) Minimum floor area of bathroom is:

- (i) 30 - 35 sq.ft.
- (ii) 40 - 45 sq.ft.
- (iii) 35 - 40 sq.ft.
- (iv) 45 - 50 sq.ft.

(f) Klumpke's paralysis involves:

- (i) C<sub>2</sub> to C<sub>4</sub>
- (ii) C<sub>4</sub> to C<sub>6</sub>
- (iii) C<sub>1</sub> to C<sub>3</sub>
- (iv) C<sub>8</sub> to T<sub>1</sub>

(g) Indications of LASER are as follows except:

- (i) Ulcer
- (ii) Inflammatory arthropathies
- (iii) Psoriasis
- (iv) Carcinoma.

(h) Purpose of mobility is the following except:

- (i) Prevention of disuse atrophy
- (ii) Prevention of contractures
- (iii) Prevention of pressure sores
- (iv) Prevention of hypertension.

(i) Patients are isolated from family in:

- (i) Day care center
- (ii) Homes for disabled
- (iii) CBR
- (iv) Outpatient rehabilitation centers.

(j) The Snellen's chart measures :

- (i) Visual acuity
- (ii) Eye pressure
- (iii) Blindness
- (iv) Hypermetropia.

(k) One of the following is not present in autism :

- (i) Repetitive activities
- (ii) Unusual sensory responses
- (iii) Reduced vision and hearing
- (iv) Resistance to environmental change.

(l) An example of lumbosacral orthosis is :

- (i) Milwaukee brace
- (ii) SOMI brace
- (iii) Four post collar
- (iv) Knight brace.

(m) Absence of all four limbs is referred to as :

- (i) Transverse hemimelia
- (ii) Phocomelia
- (iii) Longitudinal hemimelia
- (iv) None of the above.

(n) The work centers in a kitchen are arranged as following :

- (i) Storage, sink, stove
- (ii) Sink, storage, stove
- (iii) Storage, stove, sink
- (iv) Stove, sink, storage.

(o) The ministry responsible for rehabilitation of the handicapped is :

- (i) Ministry of Welfare
- (ii) Ministry of Labor
- (iii) Ministry of health
- (iv) Ministry of Social Justice and empowerment.

(p) Writing with a pen is included under :

- (i) Lateral pinch
- (ii) Three jaw chuck pinch
- (iii) Tip pinch
- (iv) None of the above.

(q) Cogwheel and lead pipe are types of :

- (i) Abnormal movements
- (ii) Tremor
- (iii) Rigidity
- (iv) Flaccidity.

(r) The following is a degenerative arthritis :

- (i) Rheumatoid arthritis
- (ii) Osteoarthritis
- (iii) Ankylosing spondylitis
- (iv) Gout arthritis.

(s) The minimum slope for a ramp should be :

- (i) 1 : 2
- (ii) 1 : 4
- (iii) 1 : 12
- (iv) 1 : 6

(t) Measurement of seat of wheelchair includes all the following except :

- (i) Width
- (ii) Depth
- (iii) Height
- (iv) Cross Sectional diameter.