

Total number of printed pages-10

34 (4) CMBR 4-4

2021

(Held in 2022)

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)***
 $10 \times 2 = 20$
 - (a) Define Ergonomics. Write about the principles of ergonomics and describe in detail about ergonomic improvements.
 - (b) Write in detail about the occupational hazard in the industrial area.
 - (c) Elaborate in detail about Geriatric Rehabilitation.
2. Short essay type : ***(any ten out of twelve)***
 $5 \times 10 = 50$
 - (a) Define CBR. Write about the objective and principles of CBR.

Contd.

- (b) What is community and write about the various types of community ?
- (c) Write about the national agencies for PWDs.
- (d) Define disability. Describe Disability Act, 1995.
- (e) Write about PHC, manpower of PHC and the role of PHC.
- (f) Write in detail about the Role of Govt. in CBR.
- (g) What is ADL ? Write about the strategies to improve ADL.
- (h) What are various voluntary organizations in CBR ? Describe the role of any three.
- (i) Define Rehabilitation. Describe in detail about various rehabilitation care approaches.
- (j) Discuss in detail about disability evaluation of upper limb.
- (k) Write about vocational rehabilitation team and their role.

- (l) Write about *any five* types of orthosis with their advantages and disadvantages.

3. Short answer type : (**any five** out of **seven**)
2×5=10

- (a) Write about Barthel's Index of ADL.
- (b) Write about CRC and the list of CRC in India.
- (c) Syme's Amputation
- (d) Multipurpose Health workers
- (e) Difference between CBR and IBR
- (f) Write about sub center.
- (g) Write about precision.

4. Multiple choice questions : 1×20=20

- (a) WHO was established in the year :
 - (i) 1948
 - (ii) 1952
 - (iii) 1950
 - (iv) 1954

(b) In one sub centre of hilly area there is

- (i) 5000 population
- (ii) 3000 population
- (iii) 1000 population
- (iv) 6000 population

(c) Writing with a pen is included under

- (i) Lateral pinch
- (ii) Three jaw chuck pinch
- (iii) Tip pinch
- (iv) None of them

(d) The National Institute for the Mentally Handicapped is in

- (i) Bombay
- (ii) Bangalore
- (iii) Secunderabad
- (iv) New Delhi

(e) The travel concession by rail for severe orthopedic disability is

- (i) 40%
- (ii) 50% including escort
- (iii) up to 75% including escort
- (iv) 25%

(f) The minimum slope for a ramp should be

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

(g) Children with cerebral palsy suffer from

- (i) Locomotor disability
- (ii) Hearing disability
- (iii) Mental impairment
- (iv) Multiple disability

(h) Loss of finger is a

- (i) Impairment
- (ii) Disability
- (iii) Handicap
- (iv) Secondary disability

(i) The sociovocational team reduces

- (i) Impairment
- (ii) Disability
- (iii) Handicap
- (iv) None of the above

(j) Minimum floor area for bathroom is _____ sq. feet.

- (i) 50 - 55
- (ii) 20 - 25
- (iii) 30 - 35
- (iv) 40 - 45

(k) Recreation therapist is member of

- (i) Medical team
- (ii) Paramedical team
- (iii) Sociovocational team
- (iv) None of the above

(l) What should be seat width in adult wheel chair ?

- (i) 18 - 20 inches
- (ii) 16 - 18 inches
- (iii) 14 - 18 inches
- (iv) 10 - 12 inches

(m) Patient are isolated from family is

- (i) Day care center
- (ii) CBR
- (iii) Home for disabled
- (iv) Outpatient Rehabilitation Centres

- (n) Knuckle bender splint is given when there is
- (i) Radial nerve palsy
 - (ii) Ulnar nerve injury
 - (iii) Median nerve injury
 - (iv) All of the above
- (o) Fine motor hand function
- (i) Grasp
 - (ii) Pinch
 - (iii) Proprioception
 - (iv) Protection
- (p) Unicef was formed in the year
- (i) 1946
 - (ii) 1948
 - (iii) 1953
 - (iv) 1950

- (q) Which spinal brace is useful in scoliosis ?
- (i) Milwaukee brace
 - (ii) Taylor's brace
 - (iii) ASH brace
 - (iv) Lumbosacral corset
- (r) In disability evaluation, total value of sensation of hand component is
- (i) 20%
 - (ii) 30%
 - (iii) 10%
 - (iv) 40%
- (s) Display screen of a computer is _____ inches away from eyes.
- (i) 18 - 30 inches
 - (ii) 25 - 27 inches
 - (iii) 5 - 12 inches
 - (iv) 10 - 16 inches

(t) Down syndrome occurs due to presence of an extra copy of

(i) Chromosome 32

(ii) Chromosome 21

(iii) Chromosome 19

(iv) Chromosome 44

2