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34 (4) CMBR 4.4

2019

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*)
10×2=20
 - (a) Define barrier. Design barrier free environment for a 60 year-old patient with Parkinsonism. 3+7=10
 - (b) Define Ageing. Describe in details. The changes occurring in various musculoskeletal and cardiorespiratory system during ageing. What is the role of physiotherapist in geriatric rehabilitation? 2+4+4=10

Contd.

- (c) What is disability screening? Describe the importance of early detection of High risk babies and maternal nutrition and education in the community. Describe the role of physiotherapy in the prevention and rehabilitation of mental retardation at the community.
2+4+4=10

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

- (a) Disability Evaluation for upper limb amputation. 5
- (b) Functions of district rehabilitation centres. 5
- (c) Define Ergonomics. Describe in brief, role of ergonomics for desk job workers with computers. 1+4=5
- (d) What is CBR? Describe in brief about the need, objectives and scope of CBR. 1+4=5
- (e) Describe in brief the importance of Extension Services and mobile units. 5
- (f) Immunization programmes. 5

- (g) What are the various voluntary organizations in CBR? Describe the role of **any three**. 2+3=5

- (h) What are the various laws and policies in CBR? Describe **any one** in details. 2+3=5

- (i) What are the various occupational health hazards in the industrial area and the role of physiotherapy in the same. 2+3=5

- (j) Role of multipurpose health workers (MHW) in CBR. 5

- (k) Define Impairment, Disability and handicap. Give an example for each. 2+3=5

- (l) What is genetic counselling? Describe its importance in the community. 2+3=5

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

- (a) Meals on wheels

- (b) Define community

- (c) Deformities seen in cerebral palsy

- (d) Ethics in geriatric rehabilitation

- (e) WHO
- (f) Drawbacks of CBR
- (g) Function of Anganwadi workers.

4. Multiple Choice Questions : 1×20=20

(a) The score of different disability is by using the formula —

(i) $a + \frac{b(90-a)}{90}$

(ii) $a + \frac{b(90-b)}{90}$

(iii) $a + \frac{b(80-a)}{80}$

(iv) $a + \frac{b(80-b)}{80}$

(b) The Person with Disability (PWD) Act was enacted in

- (i) 1992
- (ii) 1993
- (iii) 1994
- (iv) 1995

(c) Which of the following is considered as normal visual acuity?

- (i) 6/60
- (ii) 6/24
- (iii) 6/6
- (iv) 6/40

(d) Moderate Mental Retardation has IQ range between

- (i) 75-95
- (ii) 55-74
- (iii) 35-49
- (iv) Below 20

(e) A disability certificate for hearing impairment can be issued by a Medical board duly constituted by the Central and state government, and out of which at least one member shall be a specialist in the field of

- (i) Medicine
- (ii) Surgery
- (iii) ENT
- (iv) Ophthalmology

- (f) Down's Syndrome is due to Trisomy of chromosome number
 - (i) 20
 - (ii) 21
 - (iii) 22
 - (iv) 23
- (g) Guyon's Canal Syndrome, affects the
 - (i) Median Nerve
 - (ii) Radial Nerve
 - (iii) Common Peroneal Nerve
 - (iv) Ulnar Nerve
- (h) In an ergonomic work station, the lighting should be
 - (i) Direct and adequate
 - (ii) Indirect and adequate
 - (iii) Indirect and inadequate
 - (iv) Direct and inadequate
- (i) Surgery for scoliosis is recommended when the Cobb's Angle is
 - (i) $>40^{\circ}$ - 50°
 - (ii) $<40^{\circ}$ - 50°
 - (iii) $>20^{\circ}$ - 30°
 - (iv) $<20^{\circ}$ - 30°

- (j) UNICEF was created in the year
 - (i) 1945
 - (ii) 1946
 - (iii) 1947
 - (iv) 1948
- (k) Milwaukee Brace is also known as
 - (i) Sacral orthosis
 - (ii) Lumbosacral orthosis
 - (iii) Thoraco-Lumbosacral orthosis
 - (iv) Cervico-thoraco-lumbo-sacral orthosis
- (l) The Child Labour Prohibition Act was enacted in the year
 - (i) 1986
 - (ii) 1987
 - (iii) 1988
 - (iv) 1989
- (m) The viewing angle of the monitor of a computer in an ergonomic setup should be between
 - (i) 0° - 20°
 - (ii) 20° - 30°
 - (iii) 30° - 40°
 - (iv) 40° - 50°

- (n) Knee disarticulation involves amputation through
- (i) Above knee
 - (ii) Below knee
 - (iii) Through knee
 - (iv) None
- (o) Keagle's exercise is the treatment of choice for strengthening
- (i) Pelvic Floor muscles
 - (ii) Diaphragm
 - (iii) Abdominals
 - (iv) Back extensors
- (p) Every child with disability shall have the right to free education in integrated schools or special schools till the age of
- (i) 12
 - (ii) 14
 - (iii) 18
 - (iv) Lifelong
- (q) _____ % of vacancies in government employment shall be reserved for PWD.
- (i) 3%
 - (ii) 4%
 - (iii) 5%
 - (iv) 6%

- (r) Mental Health Act was enacted in
- (i) 1985
 - (ii) 1986
 - (iii) 1987
 - (iv) 1988
- (s) Rehabilitation Council of India Act was enacted in
- (i) 1990
 - (ii) 1991
 - (iii) 1992
 - (iv) 1993
- (t) Syme's Amputation is through
- (i) Shoulder joint
 - (ii) Elbow joint
 - (iii) Hip joint
 - (iv) Ankle joint