



# BRAINWARE UNIVERSITY

Term End Examination 2023-2024

Programme – B.Physiotherapy-2020

Course Name – Disability Prevention and Rehabilitation

Course Code - BPT803

( Semester VIII )

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

## Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Select Moderate hearing impairment (40 – 50%) is said to occur when the dB level is \_\_\_\_.
  - a) 26 – 40 dB
  - b) 41 – 60 dB
  - c) 61 – 70 dB
  - d) 71 – 90 dB
- (ii) Identify the impairment is defined as \_\_\_\_.
  - a) loss of psychological, physiological or anatomical structure of function in a human being
  - b) lack of ability to perform an activity considered to be normal for a human being
  - c) Inability perform the family and social role
  - d) non of these
- (iii) Identify which type of shoe with filler is given for amputees.
  - a) Partial foot
  - b) Syme's
  - c) BK
  - d) AK
- (iv) Select the Physical therapist can help in
  - a) Primary prevention
  - b) Secondary prevention
  - c) Tertiary prevention
  - d) All of these
- (v) Select the correct decibel level for Moderate hearing impairment of (40 – 50%)
  - a) 26 – 40 dB
  - b) 41 – 60 dB
  - c) 61 – 70 dB
  - d) 71 – 90 dB
- (vi) Select the factor that affects ethical and unethical behaviour.
  - a) Ethical dilemma
  - b) Diversity
  - c) Teamwork
  - d) Open communication
- (vii) Identify the correct proclamation of the persons with disability act, 1995 adopted by people with disability
  - a) Full participation
  - b) Equalization of opportunity
  - c) Protection of rights
  - d) All of these

- (viii) Choose the correct number of National institutes are there in India to deal with persons with disabilities
- a) 3  
b) 4  
c) 6  
d) 7
- (ix) Select the scheme provides financial assistance/loan to the persons with interest under self-employment programme.
- a) PMRY  
b) DRI Scheme  
c) NHFDC  
d) SJSY
- (x) Determine the proper grade for the ramp for a patient's family wants to build a ramp to the entrance of home
- a) 1" of ramp for every foot of rise in height.  
b) 1" of ramp for every 1" of rise in height  
c) 1" of ramp for every 2" of rise in height  
d) 1 foot of ramp for every inch of rise in height
- (xi) Explain the reason behind sacral sitting in wheel chair may be due to
- a) hypotonia  
b) limited active hip flexion  
c) lap belt located high  
d) all of the these
- (xii) Discrete the cause behind Jaipur foot may not be appropriate for BK amputees with
- a) long stump  
b) medium stump  
c) short stump  
d) knee disarticulation
- (xiii) Explain the cause of Genu varum gait deviation during the mid-stance phase in BK prosthetic is due to
- a) excessive prosthetic foot inset  
b) excessive prosthetic foot outset  
c) anterior displacement of socket  
d) Posterior displacement of socket.
- (xiv) recall socket with soft lining is provided in cases of
- a) Diabetes  
b) Leprosy  
c) Bony prominence in the stump  
d) All of these
- (xv) Recall an example of a mobility aid
- a) Crutches  
b) Hearing aid  
c) Communication device  
d) Eyeglasses

### Group-B

(Short Answer Type Questions)

3 x 5=15

2. Illustrate the complications of amputations. (3)
3. Describe the causes of phantom limb pain. (3)
4. Illustrate the advantages of good communication between doctors and patients. (3)
5. Discuss how does the PWD Act address issues of accessibility in public spaces, transportation, and infrastructure. (3)
6. Explain the importance of the below knee prosthesis. (3)

OR

Explain the rights of a patient. (3)

### Group-C

(Long Answer Type Questions)

5 x 6=30

7. Prepare a note on four-point gait. (5)
8. Write about the importance of assistive devices in rehabilitation. (5)
9. Discuss about role of vocational evaluators. (5)
10. Classify Prevention of Disability and explain its strategies. (5)
11. Explain the principles and merits of IAP. (5)
12. Illustrate about the rehabilitation team & it's members, their role. (5)

OR

Explain the Rehabilitation Interventions for hand amputations.

(5)

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