



BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – B.Physiotherapy-2021/B.Physiotherapy-2022

Course Name – Physical/Functional Assessment

Course Code - BPTC502

(Semester V)

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 the appropriate pair from the following:
 - a) Blood pressure- Barometer
 - b) Temperature- Sphygmomanometer.
 - c) Range of motion- Goniometer.
 - d) Muscle strength- thermometer.
- (ii) Identify the correct answer: Chief complaint is reported by the ____
 - a) Therapist.
 - b) patient.
 - c) nurse.
 - d) relatives.
- (iii) Select the deformity seen in derangement 4
 - a) Scoliosis.
 - b) Accentuated lumbar lordosis.
 - c) Lumbar kyphosis
 - d) Sciatic Scoliosis.
- (iv) Select the special test performed for tennis elbow
 - a) Finkelstein test
 - b) Cozen test
 - c) Ober test
 - d) Neer impingement test
- (v) Identify the normal end-feel for elbow flexion
 - a) hard
 - b) soft
 - c) firm
 - d) springy
- (vi) Select the key diagnostic feature of frozen shoulder
 - a) Radiating pain
 - b) Night pain
 - c) Tingling
 - d) Numbness
- (vii) Select the appropriate answer: Contracture of posterior capsule of shoulder will cause limitation in ____
 - a) Shoulder adduction and internal rotation
 - b) Extension
 - c) Abduction
 - d) Circumduction

(viii) Identify the nerve assessed with SLR test

- | | |
|-------------------|------------------|
| a) pectoral nerve | b) femoral nerve |
| c) sciatic nerve | d) gluteal nerve |

(ix) Select the appropriate answer: SNAG was introduced by

- | | |
|-------------|---------------|
| a) Maitland | b) Cyriax |
| c) Mulligan | d) Kaltenborn |

(x) Name the muscle paralysed in foot drop gait

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|-------------------|----------------------|
| a) Gluteus medius | b) Tibialis anterior |
| c) Sartorius | d) Rectus femoris |

(xi) Trace the muscle which become weak in forward head posture

- | | |
|-----------------------|-----------------------------|
| a) Cervical extensors | b) Cervical flexors |
| c) Cervical rotators | d) Cervical lateral flexors |

(xii) Select the muscle which paralyzed in ape hand deformity

- | | |
|----------------------------|------------------------------|
| a) ECRB | b) Extensor digitorum longus |
| c) Extensor carpi radialis | d) Opponens pollicis |

(xiii) Select the function of medial collateral ligament of knee

- | | |
|---|---|
| a) Primary restraint to excessive valgus and lateral tibial rotation stress at the knee | b) Primary restraint to excessive varus and medial tibial rotation stress at the knee |
| c) Primary restrain to anterior tibial translation and rotation | d) Primary restraint to posterior tibial translation and posterior rotation |

(xiv) Name the founders of the Bobath approach

- | | |
|-------------------------------|------------------------------------|
| a) Bob and Alice Bobath | b) Berta and Karel Bobath |
| c) John and Jane Smith Bobath | d) William and Mary Johnson Bobath |

(xv) Swan-neck deformity is cause by _____. Select the the correct answer

- | | |
|--|--|
| a) rupture of the PIP central slip | b) overpull of the extensor mechanism on the proximal phalanx. |
| c) tumor at the insertion of intrinsic muscles of hand | d) laxity of PIP joint ligaments |

Group-B

(Short Answer Type Questions)

3 x 5=15

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|--|-----|
| 2. Write down the stages of RA as defined by the ACR. | (3) |
| 3. Define swan-neck deformity. | (3) |
| 4. Explain how you will assess obesity using Skinfold Thickness. | (3) |
| 5. Describe about Lachman test. | (3) |
| 6. Evaluate the procedure to measure hip external rotation using goniometer. | (3) |

OR

- | | |
|---|-----|
| Analyze the grade 3 and 4 MMT for shoulder flexors. | (3) |
|---|-----|

Group-C

(Long Answer Type Questions)

5 x 6=30

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|---|-----|
| 7. Explain the procedure of performing cozen test including the interpretation. | (5) |
| 8. Explain two procedure for assessing obesity. | (5) |
| 9. Report the components of the Motor relearning program. | (5) |
| 10. Explain ULTT2. | (5) |
| 11. Write a short note on Selective tissue tension test. | (5) |

12. Explain straight leg raise test with its modification.

(5)

OR

Explain ULTT4.

(5)

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