



BRAINWARE UNIVERSITY

Term End Examination 2023-2024

Programme – B.Physiotherapy-2021

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) Identify what does the "F" in the FITT principle stand for
- | | |
|---------------|----------------|
| a) Frequent | b) Frequency |
| c) Functional | d) Fundamental |
- (ii) Select the health conditions associated with obesity
- | | |
|-----------------|--------------------|
| a) Osteoporosis | b) Type 2 diabetes |
| c) Hypoglycemia | d) Anaemia |
- (iii) Name the special test used to detect sciatic nerve impingement
- | | |
|----------------------------|----------------------------|
| a) Straight leg raise test | b) Prone knee bending test |
| c) McMurray test | d) Ober test |
- (iv) Choose the movement which is initially affected in frozen shoulder
- | | |
|----------------------|------------------|
| a) External rotation | b) Adduction |
| c) Flexion | d) Circumduction |
- (v) Select the nerve involved in ape hand deformity
- | | |
|-----------|-----------------------|
| a) Ulnar | b) Radial |
| c) Median | d) Anterointerosseous |
- (vi) List the essential component of POMR
- | | |
|---|--|
| a) Database, problem list, initial plan | b) Database, initial plan, diagnosis. |
| c) Diagnosis, treatment plan, database. | d) Treatment plan, problem list, database. |
- (vii) Select the appropriate pair from the following:
- | | |
|---------------------------------|-----------------------------------|
| a) Blood pressure- Barometer | b) Temperature- Sphygmomanometer. |
| c) Range of motion- Goniometer. | d) Muscle strength- thermometer. |
- (viii) Identify the nerve tested in ULTT2

- a) Median.
 - b) Ulnar.
 - c) Axillary.
 - d) Musculocutaneous.
- (ix) Select the deformity seen in derangement 7
- a) Scoliosis.
 - b) Accentuated lumbar lordosis.
 - c) Kyphosis.
 - d) Sciatic Scoliosis.
- (x) Select the end-feel of wrist adduction
- a) Boggy
 - b) Springy
 - c) Hard
 - d) Firm
- (xi) Select the special test performed for tennis elbow
- a) Finkelstein test
 - b) Cozen test
 - c) Ober test
 - d) Neer impingement test
- (xii) Identify the normal end-feel for elbow flexion
- a) hard
 - b) soft
 - c) firm
 - d) springy
- (xiii) Spasticity is most commonly associated with damage or dysfunction in which part of the nervous system. Identify the correct answer
- a) PNS
 - b) SNS
 - c) ANS
 - d) CNS
- (xiv) Identify the correct answer: On the Modified Ashworth Scale, a score of "0" indicates:
- a) No spasticity
 - b) Severe spasticity
 - c) Spasticity with catch at the end range of motion
 - d) Affected part is immovable
- (xv) Select the correct answer: ATNR is a _____
- a) Cortical reflex
 - b) Superficial reflex
 - c) Primitive reflex
 - d) Deep reflex

Group-B
(Short Answer Type Questions)

3 x 5=15

- 2. Explain the Brick wall theory. (3)
- 3. Describe the McMurray test. (3)
- 4. Articulate the importance of positioning in hypertonicity. (3)
- 5. Report the importance of POMR. (3)
- 6. Explain about METs. (3)

OR

Focus on the types of aerobic exercises. (3)

Group-C
(Long Answer Type Questions)

5 x 6=30

- 7. Report the procedure of performing Anterior drawer test including the interpretation. (5)
- 8. Explain the exercise prescription for aerobic exercise. (5)
- 9. A patient is having pain in the lateral epicondyle of humerus while doing resisted wrist extension. Identify the condition and include about the special test to identify the same. (5)
- 10. Focus on the principle of motor relearning program. (5)
- 11. Illustrate Convex-concave rule with two examples. (5)
- 12. Estimate the procedures used in assessment of obesity. (5)

OR

Summarize the Glasgow Coma Scale. (5)