Third BPTH (2012) Examination, Winter (Phase - III ALL Other Remaining UG/PG Course) - 2019

FUNCTIONAL DIAGNOSIS AND PHYSIOTHERAPEUTICS SKILLS

Duration: Section A + B = 3 Hours

Total Marks: 80

SECTION - A & SECTION - B

Instructions:
1) Use blue/black ball point pen only
2) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
3) All questions are compulsory.
4) The number to the right indicates full marks
5) Draw diagrams wherever necessary
6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the question is out of syllabus. As it is only for the placement sake, the distribution has been done.
7) Use a common answer book for all sections

SECTION - "A" SAQ (50 Marks)

Short answer question (any five out of six):

[5 x 3 = 15]

a) Three reflexes present at birth
b) Convex Concave rule
c) End feels
d) EMG at minimum activity in neurogenic lesion
e) Three test for co ordination
f) Three causes of inability to carry out overhead activity

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Short answer question (any five out of six):

a) Neurological testing
b) Principles of exercise prescription in healthy individuals
c) Assessment and Factors affecting balance
d) Principles of Neurodevelopment therapy
e) Assessment of knee stability
f) Gait deviations due to neurological dysfunction

SECTION - "B" LAQ (30 Marks)

Long answer question (any one out of two):

a) 50 yrs old clerk had a fall during dahi handi and had fracture at T12 one month back. He is treated conservatively. He complains of pain in the back. VAS 2/10 at rest and 5/10 on activity such as rolling and transfer. He has no bladder sensation and complains of tingling sensation in both lower extremities. He is able to sit with the help of a Taylor brace on wheelchair. His family is very caring, however he is worried as he is alone at home and stays in village. Discuss assessment and give impairments along with activity and participation and contextual factors in ICF format.

b) A 45 yrs old hypertensive Mr Soman suffered right hemiplegia one month back. He was referred for physiotherapy from peripheral rural hospital. He could walk with assistance with an altered gait. However he is unable to lift his hand and use it for eating, drinking or grooming. His wife is very supportive but complains he has stopped his medication. Discuss assessment and write impairments, activity and contextual factors in ICF format.

Long answer question (any one out of two):

a) A 45 yrs old Mrs Vaishali suffered anterior wall myocardial infarction one month back. She is obese and has been recently diagnosed as Diabetes. She has been advised CABG. She is apprehensive and feels rest is sufficient. She walks for around 10 minutes in a day and does not climb stairs. Discuss assessment and write impairments, activity and contextual factors in ICF format.

22 yrs sweeper has suffered with Right supracondylar fracture of humerus 6 weeks ago. He also sustained fracture of ulnar styloid. He cannot hold objects with his right hand. Discuss assessment and write impairments and contextual factors in ICF format.