

Rajiv Gandhi University of Health Sciences, Karnataka
III Semester Bachelor of Occupational Therapy Degree Examination – 05-Dec-2023

Time: Three Hours

Max. Marks: 100

BASICS OF OCCUPATIONAL THERAPY – II (OS/RS)

Q.P. CODE: 3419

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Define functional cast bracing and give clinical reasoning for its advantages over conventional bracing. Enumerate its indications and contraindications as well.
2. What are the types and subtypes of muscle contractions? Explain the rationale for use of each.
3. Explain in detail, the functional anatomy and functional evaluation of hand.

SHORT ESSAYS (Answer any Ten)

10 x 5 = 50 Marks

4. Define the following
 - a) Balance
 - b) Flexibility
 - c) Postural stability
 - d) Equilibrium
5. Enumerate different types of hand function tests and add a note on Jebson Taylor test.
6. What are the materials used in design and fabrication of hand splints?
7. Define work with respect to occupation and enumerate the classification of work levels.
8. Explain the concept of open chain and closed chain exercises with example.
9. Who are skilled workers? What is the role of occupational therapist in a skilled worker's workplace?
10. List and discuss the eight important elements of corporate injury prevention plans.
11. Define muscle strength, power and endurance. Add a note on the type of exercise to be prescribed to improve each of the above
12. Discuss in detail about person environment occupational model of practice.
13. Enumerate the differences between orthoses, prostheses, splints and braces.
14. Enumerate the objectives and scientific basis of FCB.
15. What is the purpose of frames of reference? Explain the rehabilitation frame of reference.

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

16. Define muscle tone and list two abnormal muscle tones.
17. Define and differentiate sensation and perception.
18. Box and block test.
19. Types of prehension.
20. What is MOHO?
21. Enumerate the differences between oedema and swelling.
22. Enumerate at least six tools and equipments used in fabricating splints and orthoses.
23. What are the uses of dynamic cockup splint?
24. What orthoses is prescribed for a tibial nerve palsy and why?
25. Define coordination and cognition.
26. Define dexterity and name two exercises to improve the same.
27. What is work aptitude and how is it relevant to work evaluation?
