Rajiv Gandhi University of Health Sciences, Karnataka

VIII Semester Bachelor of Occupational Therapy Degree Examination – 02-Nov-2026

Time: Three Hours **Max. Marks: 100**

ERGONOMICS – RS
Q.P. CODE: 3443

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. Explain the role of occupational therapists in the implementation of ergonomic interventions in the workplace
2. Identify psychosocial factors and work-related musculoskeletal disorders
3. Define job analysis steps and its importance related to occupational therapy practice

SHORT ESSAYS (Answer any Ten) **10 x 5 = 50 Marks**

4. What are macro ergonomics and its primary focus?
5. Functional capacity evaluation
6. Why is client-centered practice important?
7. Discuss the implications of workplace lighting and its ergonomic considerations
8. Identify a common ergonomic assessment checklist
9. Lifting techniques
10. What are ergonomic chair considerations?
11. Return to work
12. Define "cognitive demands of work
13. What are ergonomics for disability management?
14. Explain how vibrations effect worker health
15. Describe one ergonomic principle for children

SHORT ANSWERS (Answer any Ten) **10 x 3 = 30 Marks**

16. Importance of universal design
17. Role of sound in ergonomics?
18. Explain seating standards
19. Role of chemicals in ergonomics?
20. Importance of feedback in ergonomics?
21. Define job analysis checklists
22. Explain ergonomic solutions for keyboard users
23. Lighting
24. Magnitude estimation
25. Define marketing
26. Vocational assessment form
27. Work pressure

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