

Rajiv Gandhi University of Health Sciences, Karnataka
VIII Semester Bachelor of Occupational Therapy Degree Examination – 15-May-2025

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. Define macroergonomics. Briefly describe macroergonomics process and role of OT
2. A 32 year men IT professional, describe details ergonomics chair design and selection and ergonomics workstation consideration
3. Describe ergonomics in disability management

SHORT ESSAYS (Answer any Ten)

10 x 5 = 50 Marks

4. Functional capacity evaluation
5. Analyse physical environment in regard of vibration, lighting, sound
6. Clint centre practice in ergonomics
7. Upper limb postural assessment
8. Psycho social factors and work related MSK disorder
9. General ergonomics assessment and job analysis checklist
10. Role of OT in macro ergonomics
11. Risk factors of cumulative trauma disorder
12. Assistive technology related to keyboard layout
13. Describe ergonomics for children emphasis on carrying schoolbags
14. Definition of marketing
15. Lifting assessment

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

16. Describe physical environment in terms of structural features in Ergonomics
17. Define anthropometry
18. Shoulder assessment regarding to ergonomics
19. Criteria for lifting techniques
20. Uses of anthropometry
21. What is human factors in medical rehabilitation brief shortly?
22. Assessment of wrist in upper limb ergonomics
23. Describe physical assessment related to vibration
24. Macroergonomic process
25. Define joint protection techniques
26. Goals of seating consideration on ergonomics
27. Define learning environment
