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Your Roll No. _____

Sr. No. of Question Paper : **7863**

B.Sc. (H) Part IV, Semester VIII (NEP-UGCF-2022)

Theory Examination May/ June 2026

Paper: Ergonomic Anthropology.

2153010020 (DSE)

Time: 3 Hours

Max. Marks: 90

*Attempt any five questions.
All questions carry equal marks.*

1. Discuss the scope and relevance of Ergonomic Anthropology. Elaborate with examples.
2. What do you understand by occupational health? How the knowledge of ergonomics anthropology helps in combating occupational hazards?
3. Elaborate on the biomechanics concepts used in Ergonomics. Discuss in light of their advantages and limitations.
4. Safety, efficiency and comfort. Discuss their relevance in ergonomics while designing a product.
5. Use of percentiles and not average in designing a product. Explain.
6. Elaborate on various theories of healthy sitting, standing and posture.

7. Discuss how ergonomic anthropological insights can be integrated into public health?
8. Write a short note on Work and Health with view point of universal designing.
9. Write a short note on *any two* of the following:
 - a. Reach
 - b. Furniture designing
 - c. Posture stress
 - d. Inclusivity in designing