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Sr. No. of Question Paper : **7186**

Roll No.....

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. Trace the history and development of Ergonomic Anthropology as a scientific discipline.
2. Discuss the scope and relevance of Ergonomic Anthropology. Elaborate with examples.
3. Elaborate on the biomechanics concepts used in Ergonomics. Discuss in light of their advantages and limitations.
4. Discuss the relevance and application of ergonomics in designing a product in light of three main concepts of safety, efficiency and comfort.
5. “Average man is a fallacy in designing”. Explain through the concept of percentiles.
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 Disability and Ageing with view point of universal designing.

9. Write a short note on ***any two*** of the following:
- a. Clearance
 - b. Workplace designing
 - c. Posture stress
 - d. Inclusivity in designing