

[This question paper contains 2 printed pages.]

Your Roll No. ....

5816

B

**B.Sc. (Hons.) / II**  
**ANTHROPOLOGY—Paper V**  
**(Fundamentals of Human Origins and Evolution)**  
**(Admissions of 2004 and onwards)**

*Time : 3 Hours*

*Maximum Marks : 45*

*(Write your Roll No. on the top immediately on receipt of this question paper.)*

*Attempt any Five questions.*

*All questions carry equal marks.*

1. Compare and contrast the status of 'Java man' and 'Peking man'.
2. Discuss the process of 'hominization'. Has this process come to an end?
3. What are the relative and absolute dating methods? Discuss in brief the relative dating methods.
4. Discuss the distribution, salient physical features and phylogenetic position of robust types of Australopithecines.
5. Why is there a need for Geological Time Scale? Describe its main divisions giving major events and life forms present in each division.

[P. T. O.]

6. Who were 'classic' and 'progressive' Neanderthals? Discuss their evolutionary significance.
7. Briefly describe the physical features and evolutionary significance of *Oreopithecus*. Why was it called an aberrant ape ?
8. Discuss the phylogenetic position and evolutionary significance of *Homo habilis* and *Homo ergaster*.
9. Write short notes on any *two* of the following :
  - (a) Obsidian hydration dating method
  - (b) Grimaldi Man
  - (c) C<sup>14</sup> dating method
  - (d) Fossilization process.