

**OLD**  
**Part II 3-Tier**  
**2017**  
**ANTHROPOLOGY**  
**(Honours)**  
**PAPER—V**  
**(PRACTICAL)**

*Full Marks : 100*

*Time : 4 Hours*

*The figures in the right-hand margin indicate full marks.  
Candidates are required to give their answers in their  
own words as far as practicable.*

*Answer all questions.*

1. Give somatometric measurements (as per card) of the given subject with definition of measurements, used landmarks and measuring instruments.

[Mention the name, age and sex of the subject]

(2+1+1+1)×3

2. Give the somatoscopic observation (as per card) of the given subject.

5

  
(Turn Over)

3. Determine the value of craniometric measurements (as per card) on the human skull with definition of measurements, landmarks involved and measuring instrument. [Mention the Specimen No. of skull].  
(2+1+1+1)×3
4. Calculate the value of index (as per card) of the given subject. Mention the formula of the index and classify the subject as per index. 2+2+1
5. Identify two human bones (to be supplied in the examination hall) with identifying features. Mention their sides of attachment. 4+4
6. What is protanomaly? Test the colour blindness of the given subject. 2+3
7. Mention the name of the bones in human skeleton where the following features are found : 5×1
- (a) Euryon ;
  - (b) Mastoid process ;
  - (c) Basion ;
  - (d) Olecranon process ;
  - (e) Gonion.
8. Draw, label and describe two prehistoric tools (to be supplied in the examination hall). Mention the cultural age of each tool. 8+8

9. Identify two stone tools with reasons (to be supplied in the examination hall). 3+3
10. Viva-voce (on Biological Anthropology and Prehistory). 5+5
11. Evaluation of laboratory note books (Biological Anthropology and Prehistory). 5+5

**Combination of Cards for Q. No. 1 — 4.**

**Card No. 1**

- Q. No. 1. Minimum Frontal Breadth  
Bizygomatic Breadth  
Height radiale
- Q. No. 2. Hair
- Q. No. 3. Maximum Cranial Length  
Length of Foramen magnum  
Basion Bregma Height
- Q. No. 4. Cephalic Index

**Card No. 2**

- Q. No. 1. Nasal Breadth  
Height Acromian  
Hand Breadth

Q. No. 2. Eye

Q. No. 3. Bi-orbital Breadth  
Maximum Frontal Breadth  
Glabella - Inion Length

Q. No. 4. Nasal Index

**Card No. 3**

Q. No. 1. Bizygomatic Breadth  
Morphological Facial Length  
Height Stylium

Q. No. 2. Skin Colour

Q. No. 3. Bi-auricular Breadth  
Orbital Breadth  
Nasal Length

Q. No. 4. Morphological Facial Index

**Card No. 4**

Q. No. 1. Foot Breadth  
Maximum Head Breadth  
Height Dactylium

Q. No. 2. Nose

Q. No. 3. Maximum Frontal Breadth  
 Bizygomatic Breadth  
 Nasion-Inion Length

Q. No. 4. Zugo-frontal Index

**Card No. 5**

Q. No. 1. Maximum Head Length  
 Horizontal circumference of head  
 Hand Breadth

Q. No. 2. Lips

Q. No. 3. Bimastoidal Breadth  
 Maximum Cranial Length  
 Greatest Occipital Breadth

Q. No. 4. Height Weight Index

**Card No. 6**

Q. No. 1. Height Vertex  
 Morphological Facial Length  
 Bizygometric Breadth

Q. No. 2. Nose

Q. No. 3. Basion Bregma Height  
*Bi-orbital Breadth*

Glabella-Inion Length

Q. No. 4. Jugo-Frontal Index

**Card No. 7**

Q. No. 1. Foot Breadth  
Nasal Breadth  
Minimum Frontal Breadth

Q. No. 2. Hair

Q. No. 3. Maximum Cranial Length  
Orbital Breadth  
Nasal Height

Q. No. 4. Cephalic Index

**Card No. 8**

Q. No. 1. Maximum Head Breadth  
Bigonial Breadth  
Hand Breadth

Q. No. 2. Eye

Q. No. 3. Nasion-Inion Length  
Nasal Height  
Length of Foramen Magnum

Q. No. 4. Morphological Facial Index