

# COMMON P. G. ENTRANCE TEST – 2024 (CPET-2024)

Test Booklet No. :

Subject Code : **02**

Hall Ticket No. :

Subject : **ANTHROPOLOGY (SCIENCE)**

## TEST BOOKLET

Time Allowed : **60 Minutes**

Full Marks : **80**

### : INSTRUCTIONS TO CANDIDATES :

1. The Test Booklet contains **15** pages including the cover page and **80** (Question Nos. 1 to 80) multiple choice questions.
2. DO NOT break open the seal of the Test Booklet until the invigilator instructs to do so.
3. The candidates must check discrepancy, if any (like up-printed or torn or missing pages or missing questions) in the Test Booklet immediately after breaking the seal of the Test Booklet. If detected, the invigilator may be requested to replace the same.
4. Candidates are required to fill up and darken the **Hall Ticket No., Test Booklet Serial No.** and OMR Answer Sheet Serial No. in attendance sheet carefully. Wrongly filled in OMR Answer Sheet is liable for rejection.
5. Each question has four choices / answers marked (A), (B), (C), (D). Candidate has to select the most appropriate choice / answer to each question and darken the oval completely against the question number provided in the OMR Answer Sheet.
6. Indicate only one choice / answer from the options provided by darkening the appropriate oval in the OMR Answer Sheet. More than one response to a question shall be treated as a wrong answer.
7. Use only **Black Ball Point Pen** for darkening the oval for answering.
8. All the questions are compulsory and they carry equal marks. The total marks scored by a candidate depends on the number of correct choices / answers darkened in the OMR Answer Sheet. There will be no negative marking for wrong answers.
9. No candidate shall be allowed to leave the Examination Hall / Room till all OMR Answer Sheets have been collected by the invigilator.
10. On completion of the entrance test, the original OMR Answer Sheet be handed over to the invigilator. Candidates are allowed to take the second copy of the OMR Answer Sheet along with the used Test Booklet for reference.
11. Candidates are not allowed to carry any personal belongings including electronic devices such as scientific calculator, cell phones, headphones, earbuds, or any other type of devices that allow communication of any kind inside the Examination Room / Hall.
12. The candidates are advised not to scribble or make any mark on the OMR Answer Sheet except marking the answers at the appropriate places and filling up the details required. Rough work, if any, may be done in the blank sheet(s) provided at the end of the Test Booklet.
13. Any malpractice / use of unfair means will lead to your disqualification from the entrance test / admission process and may also lead to appropriate legal action as deemed fit.

**DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO**



1. Man belongs to which phylum ?
 

(A) Chordata	(B) Vertebrata
(C) Mammalia	(D) Anthropeidea
  
2. Calvarium is related to :
 

(A) Brain case without the face	(B) A face without teeth
(C) A skull with a Jaw	(D) A skull without mandible
  
3. Which one is the smallest bone in the human body ?
 

(A) Stapes	(B) Lacrymal
(C) Vomer	(D) Nasal bone
  
4. The science of human behaviour is called as :
 

(A) Ethnology	(B) Ergonomy
(C) Palaeontology	(D) Ethology
  
5. Who has written the book, The Search for Man's Ancestors ?
 

(A) L. S. B. Leaky	(B) Elliot Smith
(C) G. E. Smith	(D) M. Cartmill
  
6. Horse, the four-footed ground-dwelling mammal belongs to which order of Eutherian mammal ?
 

(A) Sirenia	(B) Ungulata
(C) Cheiroptera	(D) Pholidota
  
7. The BMI is calculated as :
 

(A) Height (cm)/ Weight (kg)	(B) Weight (kg) / Height (cm)
(C) Height (Meter) / Weight (kg) <sup>2</sup>	(D) Weight (kg)/ Height (Meter) <sup>2</sup>
  
8. Marfan Syndrome is caused due to :
 

(A) Autosomal dominant	(B) Autosomal Recessive
(C) X-linked dominant	(D) Y-linked disease

9. A disease that causes excessive hair growth all over the body or isolated to specific areas :
- (A) Albinism (B) Cystic Fibrosis  
(C) Hypertrichosis (D) Apert syndrome
10. In Hardy-Weinberg Law the frequency of recessive allele will be equal to the :
- (A) Square root of the dominant trait  
(B) Square root of the frequency recessive trait  
(C) Net migration  
(D) Percentage of homozygous individual
11. Which among the following is adult haemoglobin ?
- (A) HbA (B) HbA<sub>2</sub>  
(C) HbF (D) Hbs
12. Who had coined the term Chromosome ?
- (A) F. Galton (B) Hugo de Vries  
(C) W. Walder (D) Gregor Mendel
13. Edward Syndrome is caused due to abnormalities in :
- (A) Trisomy 21 (B) Trisomy 13  
(C) Trisomy 18 (D) Trisomy 28
14. Which one is not a technique used for identifying DNA testing ?
- (A) DNA profiling (B) DNA finger-printing  
(C) DNA typing (D) Binary Polymorphism
15. ATP, the common carrier of energy inside the cell is made from :
- (A) ADP + inorganic (Pi) (B) ADP + H<sub>2</sub>O  
(C) ADP + energy (D) ATP + H<sub>2</sub>O

16. How many bones are in the axial skeleton of the human body ?
- (A) 62 (B) 63  
(C) 64 (D) 80
17. Identify which one is the sesamoid bone ?
- (A) Femur (B) Patella  
(C) Carpals (D) Bone marrow
18. Our face comprises how many bones ?
- (A) 14 (B) 22  
(C) 24 (D) 16
19. Which one of the statement is correct about the human skeleton ?
- (A) The human skeleton has 208 bones  
(B) The humerus is the largest bone  
(C) 8 cranial bones support and protect the brain  
(D) Long bones are mostly located in the Axial skeleton
20. Canalisation was used by C. H. Waddington to describe :
- (A) Growth of adult (B) Growth of all children  
(C) Linear Rapid growth (D) Growth of teeth
21. Recommended dietary allowance stands for :
- (A) Estimated amount of water and protein requisite thorough  
(B) Amount of calories per body weight  
(C) Estimated amount of calories per day required  
(D) Amount of calories per body weight.per week
22. Pithecanthropus dubious was discovered by :
- (A) L. S. B. Leaky (B) Raymond Dart  
(C) Von Koenings Wald (D) Arun Sonakia

23. Who had written the book *Muria and their Ghotul* ?
- (A) Verrier Elwin (B) D. N. Majumdar  
(C) S. CROY (D) Irawati Karve
24. The Anthropological Survey of India has been established in the year :
- (A) 1851 (B) 1945  
(C) 1961 (D) 1951
25. According to Marriot the Gobardhan Puja and Nauratha Puja are examples of which tradition ?
- (A) Sanskritisation (B) Civilisation  
(C) Universalization (D) Parochialisation
26. Who had given the concept of the sacred complex of Buddha Gaya ?
- (A) Robert Redfield (B) Mckim Marriot  
(C) L. P. Vidyarthi (D) Milton Singer
27. The family Hylobatidae includes :
- (A) Gibbon (B) Gorilla  
(C) Chimpanzee (D) Baboon
28. Which Veda tells us about the emergence of four Varnas ?
- (A) Rigveda (B) Samaveda  
(C) Yajurveda (D) Atharvaveda
29. The Asiatic Society of Bengal is founded by :
- (A) N. K. Bose (B) William Jones  
(C) R. Firth (D) S. C. Roy
30. The mechanism of learning one's own culture :
- (A) Acculturation (B) Socialisation  
(C) Enculturation (D) Assimilation

31. Franz Boas's book named is :  
(A) The Colour of Sea (B) Primitive Culture  
(C) Argonauts of the Western Pacific (D) Primitive Marriage
32. Who has first time used the term Teknonymy in Anthropology ?  
(A) B. Malinowski (B) E. B. Tylor  
(C) MC Lennan (D) James Frazer
33. Couvade is found in which primitive tribe ?  
(A) Santhal (B) Gond  
(C) Juang (D) Khasis
34. The marriage devar vivah is called as :  
(A) Levirate (B) Sororate  
(C) Anuloma (D) Pratiloma
35. Clark Wissler belongs to which School ?  
(A) American School of Evolutionist (B) American School of Diffusion  
(C) British School of Diffusion (D) British School of Evolution
36. The Coming of Age in Samoa was written by :  
(A) Margaret Mead (B) Ralph Linton  
(C) A. L. Kroeber (D) Abram Kardiner
37. The phratry is derived from :  
(A) French (B) Greek  
(C) German (D) Both (A) and (B)
38. Who had called the soul as Anima ?  
(A) Max Muller (B) R. R. Marett  
(C) E. B. Tylor (D) James Frazer

39. Which theory of evolution states that all kinds of life were created by a supernatural power i. e. God ?
- (A) Theory of Eternity (B) Theory of Catastrophism  
(C) Theory of Special Creation (D) Theory of Organic Evolution
40. Which is correct about Hominidae ?
- (A) They have tooth comb  
(B) Orbits are elliptical  
(C) Pre maxilla and maxilla are marked off  
(D) Foramen magnum is placed anteriorly and is well-developed
41. Which is not correct about Germplasm Theory ?
- (A) August Weishmann proposed it (B) It is related to germplasm cell  
(C) It is related to somatic cell (D) A new character suddenly evolve
42. When an individual possesses 45 chromosomes instead of 46, then the syndrome is called :
- (A) Klinefelter syndrome (B) Turner syndrome  
(C) Edward syndrome (D) Sex chromatin
43. The conscious effort to improve the genetic quality of the human race is called as :
- (A) Eugenics (B) Genetic Counselling  
(C) Genetic Drift (D) Genetic Screening
44. The resting phase between 2 subsequent cell division is called :
- (A) M phase (B) S phase  
(C) G<sub>2</sub> phase (D) Interphase
45. Which one of the following is the cell's recycling centre ?
- (A) Ribosome (B) Lysosome  
(C) Centrosome (D) Cytoplasm



46. The endosymbiotic theory is related to :
- (A) Eukaryotes were first formed by prokaryotic cells engulfing smaller cells
  - (B) Self-replicating & duplicating
  - (C) Osmotic Process in cell
  - (D) Making useful protein in cell movement
47. Who had defined cultural ecology as “The adaptive process by which the nature of society and an unpredictable number of features of culture are affected by basic adjustment through man utilises a given environment.” ?
- (A) Julian Steward
  - (B) T. H. Husley
  - (C) Leslie White
  - (D) V. Gordan Childe
48. Which one is true about the human response to environmental stresses ?
- (A) Genetic change
  - (B) Acclimatization
  - (C) Behavioural change
  - (D) Both (A) and (B)
49. Environmental justice includes :
- (A) Climate change and its Impact on Indigenous people
  - (B) Socio-economic impact on Indigenous people
  - (C) Impact of migration on Indigenous people
  - (D) Fair and equitable compensation for their land
50. Who had given the first theory of evolution ?
- (A) Jean De Lamarck
  - (B) Charles Darwin
  - (C) J. F. Blumenbach
  - (D) August Weismann
51. Dermatoglyphics is the study of :
- (A) Population
  - (B) Races
  - (C) Skeleton
  - (D) Finger and palm print pattern

52. The application of measurement to the study of human size, shape, proportion, composition, maturation and gross function is called :
- (A) *Kinanthropometry* (B) Somatometry  
(C) Craniometry (D) Osteometry
53. Why was Lamarck's theory disproved by Darwin ?
- (A) Because of useful variation are transferred  
(B) Environment play a greater role  
(C) All acquired traits are transferred to the next generation  
(D) The use and disuse of organ
54. The half-life of carbon-14 to decay to Nitrogen is :
- (A) 5730 yrs. (B) 5000 yrs  
(C) 6730 yrs. (D) 6370 yrs.
55. The Genotype ratio of a monohybrid cross is :
- (A) 3 : 1 (B) 1 : 2 : 1  
(C) 9 : 3 : 3 : 1 (D) 1 : 3 : 3 : 1
56. Which State in India has the highest number of PVTGs ?
- (A) Odisha (B) Andhra Pradesh  
(C) Gujarat (D) Jharkhand
57. Which ape shows 90 percent similarities with man ?
- (A) Gibbon (B) Gorilla  
(C) Chimpanzee (D) Orangutan
58. Gadabas and Chenchus tribes belong to which state of India ?
- (A) Karnataka (B) Andhra Pradesh  
(C) Tamil Nadu (D) Madhya Pradesh

59. The Baiga tribe practises shifting cultivation which is called :
- (A) Bewar cultivation (B) Jhum cultivation  
(C) Poduchasa (D) Khalu cultivation
60. Which one of the following is the main cause of the Tribal movement ?
- (A) Severe socio-economic problems faced by tribal  
(B) A special position in politics  
(C) Desire to change the property-owning system and wanted rapid industrialization  
(D) To establish their own identity and religious faith
61. Pigmentation of skin is due to \_\_\_\_\_.
- (A) Lymphocytes (B) Monocytes  
(C) Leucocytes (D) Melanocytes
62. Of the blood groups A, B, AB, and O, which one is considered as the universal recipient ?
- (A) A (B) AB  
(C) B (D) O
63. The protein found in plasma is called :
- (A) RBC (B) Antibodies  
(C) Haemoglobin (D) Antigen
64. Almost half of the UK population has blood group :
- (A) O (B) B  
(C) AB (D) Rh
65. Which one is the main source of all genetic variation ?
- (A) Genetic drift (B) Selection  
(C) Mutation (D) Hybridisation

66. Which one difference is found in the case of monozygotic twins ?
- (A) Colour (B) Growth  
(C) Food habit (D) Intelligence
67. Who had coined the term Darwinism in 1860 ?
- (A) Charles Darwin (B) Herbert Spencer  
(C) August Weismann (D) T. H. Huxley
68. Which is not included in the Axial skeleton ?
- (A) Vertebral column (B) Rib cage  
(C) Skull (D) Pelvic girdle
69. Which one is used by Forensic anthropologists for identification ?
- (A) Fingerprint pattern  
(B) Face size  
(C) Cranial capacity  
(D) Height and weight of one individual
70. Bertillon system of identification is otherwise called as :
- (A) Handwriting analysis (B) Face imaging  
(C) Somatometry (D) Blood group analysis
71. If two cystic fibrosis carriers have children, what percent chance of producing babies ?
- (A) 35 percent (B) 25 percent  
(C) 50 percent (D) 75 percent
72. Huntington's disease is caused due to which allele ?
- (A) Dominant lethal (B) Recessive lethal  
(C) Conditional lethal (D) Mutant lethal

73. Which one is the correct order of the hominisation process ?
- (A) Bipedalism – hand manipulation – mastication – encephalisation – development of speech
  - (B) Quadrupedalism – bipedalism - encephalisation – development of speech
  - (C) Development of speech - larynx – the absence of diastema - the presence of Linea aspera
  - (D) Bipedalism – encephalisation – development of speech – absence of diastema – presence of Linea aspera
74. IMR is defined as :
- (A) Newborns dying per year divided by 1000
  - (B) Newborns dying under one year by the number of residents living birth for the same geographic area and multiplied by 1000
  - (C) Newborns dying under one year by the number of residents living birth for the same geographic area and multiplied by 100
  - (D) Newborns dying under five years of age by the number of residents living birth for the same geographic area and multiplied by 1000
75. Which statement is true about the net migration rate ?
- (A) The migration trends
  - (B) It is the push and pull factors
  - (C) Difference between immigrants and emigrants divided by population
  - (D) Difference between IMR and MMR multiplied by 1000
76. The illness or disease treated as per one's own culture is called :
- (A) Psychopathology
  - (B) Ethnomedicine
  - (C) Biomedicine
  - (D) Cultural relativism
77. Ethnology term coined and defined by :
- (A) Adam F. Kollar
  - (B) Franz Boas
  - (C) E. B. Tylor
  - (D) A. L. Kroeber

78. The nature of survival is :

- |                |                           |
|----------------|---------------------------|
| (A) Selection  | (B) Disappearance         |
| (C) Adaptation | (D) Struggle for survival |

79. Diagram showing inheritance of biologically related individuals :

- |                     |                           |
|---------------------|---------------------------|
| (A) Flow chart      | (B) Twin method           |
| (C) Pedigree method | (D) Heritability estimate |

80. The PURA gene is located in the :

- |                                |                              |
|--------------------------------|------------------------------|
| (A) Short arm of chromosome 11 | (B) Long arm of chromosome 5 |
| (C) Chromosome 21              | (D) Chromosome 13            |



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## SPACE FOR ROUGH WORK

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