

COMMON P. G. ENTRANCE TEST – 2023 (CPET-2023)

Test Booklet No. : **019**

Subject Code : **37**

Hall Ticket No. :

Subject : **POPULATION STUDIES**

TEST BOOKLET

Time Allowed : **60 Minutes**

Full Marks : **80**

: INSTRUCTIONS TO CANDIDATES :

1. The Test Booklet contains **16** pages including the cover page and **80** (Question No. 1 to 80) multiple choice questions.
2. DO NOT break 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, ear buds, 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

PN – 37/10

(Turn over)

SEAL

919

1. Which of the following is a measure of age structure of population ?
(A) Dependency Ratio (B) Crude Birth Rate
(C) Total Fertility Rate (D) Age Specific Mortality Rate
2. Which of the following is not a component of population change ?
(A) Nuptiality Rate (B) Fertility Rate
(C) Mortality Rate (D) Migration Rate
3. The tendency for a population to continue growing even after fertility rates decline is termed as _____.
(A) Population Dividend (B) Population Momentum
(C) Population Pressure (D) Population Differential
4. Which stage of the demographic transition model is characterized by high birth rates and high death rates ?
(A) Stage 1 (B) Stage 2
(C) Stage 3 (D) Stage 4
5. Which of the following is a consequence of the process of aging on a population ?
(A) Increased workforce participation
(B) Increased economic growth
(C) Increased burden on healthcare systems
(D) Decreased pension and retirement costs
6. The number of individuals per unit of land area is called _____.
(A) Population Density (B) Physiographic Density
(C) Physiological Density (D) Agricultural Density

7. What is the median of the following data set : 3, 6, 7, 2 and 17 ?
(A) 3 (B) 5
(C) 6 (D) 7
8. Which of the following is a measure of central tendency ?
(A) Standard deviation (B) Variance
(C) Mode (D) Correlation coefficient
9. Which of the following is a measure of variability ?
(A) Mean (B) Median
(C) Range (D) Chi Square
10. Which of the following countries is the smallest in terms of land area ?
(A) Monaco (B) Nauru
(C) San Marino (D) Vatican City
11. Which of the following is the largest island in the world ?
(A) Greenland (B) Madagascar
(C) Borneo (D) New Guinea
12. The Prime Meridian passes through which of the following cities ?
(A) New York City (B) London
(C) Paris (D) Sydney
13. Which of the following is the longest river in South America ?
(A) Amazon River (B) Nile River
(C) Yangtze River (D) Mississippi River
14. Which of the following is the highest peak in India ?
(A) Kanchenjunga (B) Nanda Devi
(C) Mount Everest (D) K2

15. Which of the following states in India has the longest coastline ?
- (A) Tamil Nadu (B) Kerala
(C) Andhra Pradesh (D) Gujarat
16. Which of the following is the smallest Union Territory of India ?
- (A) Puducherry (B) Lakshadweep
(C) Andaman and Nicobar Islands (D) Ladakh
17. The famous Jog Falls is located in which state of India ?
- (A) Karnataka (B) Andhra Pradesh
(C) Tamil Nadu (D) Kerala
18. In India, the state with highest density of population is _____.
- (A) Uttar Pradesh (B) Bihar
(C) West Bengal (D) Haryana
19. According to Census 2011 figures, which state has the maximum difference in the male and female literacy ?
- (A) Rajasthan (B) Kerala
(C) Uttar Pradesh (D) Madhya Pradesh
20. Which of the followings depicts the growth rate of the population of a region ?
- (A) Difference between the growth of male and female
(B) Difference between the population of urban and rural areas
(C) Number of births per thousand persons
(D) Difference between birth rate and death rate

21. Which of the following statements regarding literacy in India are correct ?

- (i) A person who can only read but cannot write is a literate.
- (ii) Children below 7 years of age are not taken into consideration even if they are able to read and write
- (iii) For the purpose of census, a person is deemed literate if he or she can read and write with understanding in any of the 22 languages mentioned in the Eighth Schedule of the Constitution
- (iv) The fact that a district has attained hundred percent literacy does not mean that the entire population in the district is literate

(A) (i), (iii) and (iv)

(B) (ii), (iii) and (iv)

(C) (i), (ii) and (iii)

(D) (i), (ii) and (iv)

22. Arrange the following religious groups in increasing order of their population in India:

(i) Muslims, (ii) Buddhists, (iii) Sikhs, (iv) Jains, (v) Christians

(A) (iv) – (ii) – (iii) – (v) – (i)

(B) (iv) – (ii) – (i) – (iii) – (v)

(C) (ii) – (iv) – (iii) – (v) – (i)

(D) (ii) – (iii) – (iv) – (v) – (i)

23. The tribal population in Andaman belongs to which of the following races ?

(A) Australoids

(B) Caucasoids

(C) Mongoloids

(D) Negroids

24. During which decade did the population record a negative growth rate in India ?

(A) 1921-31

(B) 1911-21

(C) 1941-51

(D) 1931-41

25. In which of the following states of India, there is no Scheduled Caste population ?

(A) Punjab

(B) Nagaland

(C) Gujarat

(D) Manipur

26. In India, in which of the following states, the largest population of Scheduled Tribes is found ?
- (A) Himachal Pradesh (B) Madhya Pradesh
(C) Arunachal Pradesh (D) Sikkim
27. As per the Census 2011, which is the state having lowest population in India ?
- (A) Manipur (B) Tripura
(C) Puducherry (D) Sikkim
28. What is the full form of NFHS ?
- (A) National Fertility and Health Survey
(B) National Forest Household Survey
(C) National Family Health Office
(D) National Forensic Hospital Survey
29. Which of the following is not included in the World Health Organization's definition of health ?
- (A) Physical health (B) Mental health
(C) Social health (D) Political health
30. Khasi and Garo tribes mainly live in which of the following states of India ?
- (A) Kerala (B) Tamil Nadu
(C) Meghalaya (D) Mizoram
31. Which of the following pairs is not correctly matched ?
- (A) The Mahakaal Temple – Ujjain
(B) Sringeri Matha – Chikkmangalur district
(C) The Sun Temple – Konark
(D) Jain Temples – Khajuraho

32. In which year, National Rural Health Mission (NRHM) was launched in India ?
- (A) 2000 (B) 2001
(C) 2005 (D) 2008
33. In which year, National Population Policy was formulated in India ?
- (A) 1990 (B) 2000
(C) 2010 (D) 2020
34. Which community has the lowest sex ratio in India as disclosed in the additional data pertaining to Census 2011 ?
- (A) Buddhist (B) Sikh
(C) Jain (D) Muslim
35. According to the 2011 census, which of the following states has the lowest child sex ratio ?
- (A) Uttar Pradesh (B) Kerala
(C) Haryana (D) Jammu and Kashmir
36. On which of the following dates the Right to Education Act came into existence ?
- (A) 1 April, 2010 (B) 10 April, 2010
(C) 11 April, 2010 (D) 1 April, 2011
37. Which one of the following is the largest linguistic group of India ?
- (A) Sino – Tibetan (B) Indo – Aryan
(C) Austric (D) Dravidian
38. Which of the following given agencies has published “expected loss-based ratings” ?
- (A) RBI (B) SEBI
(C) PFRDA (D) IRDAI

39. The General Theory of Employment, Interest, and Money is a famous book written by which of the following ?
- (A) J. M. Keynes (B) Robert Sahhlas
(C) Wassily Leontief (D) Paul Krugman
40. Which of the following is not a component of Human Development Index' ?
- (A) Life Expectancy
(B) Per Capita Income
(C) Gross enrolment ratio for three levels of schooling
(D) Percentage of BPL Households
41. For which of the following the term "Paper Gold" is used ?
- (A) United States Dollar
(B) Gold Reserved with International Monetary Fund
(C) Pound Sterling
(D) Special Drawing Rights
42. Which one of the following is not a factor of production ?
- (A) Land (B) Labour
(C) Capital (D) Bank Loan
43. Remote Sensing techniques make use of the properties of _____ emitted, reflected or diffracted by the sensed objects.
- (A) Electric waves (B) Sound waves
(C) Electromagnetic waves (D) Wind waves
44. What is the full form of CPU ?
- (A) Computer Processing Unit (B) Computer Principle Unit
(C) Central Processing Unit (D) Control Processing Unit

45. Which of the following computers have the least processing speed and storage capacity ?
- (A) Mainframe computers (B) Mini computers
(C) Micro computers (D) Super computers
46. The popular computer related abbreviation 'DTP' usually means _____
- (A) Digital Transmission Protocol (B) Desktop Publishing
(C) Data Type Programming (D) Document Type Processing
47. Pentium is related to which part of the computer ?
- (A) DVD (B) Hard Disk
(C) Micro Processor (D) Mouse
48. A formula in MS Excel starts with _____ sign.
- (A) - (B) =
(C) > (D) &
49. Auguste Comte was a _____ Sociologist.
- (A) French (B) British
(C) American (D) German
50. What is intended by norm in Sociology ?
- (A) Specific Guide to action (B) Discipline
(C) A Belief system (D) Deviance
51. Which is the best example of primary group ?
- (A) Association (B) Caste
(C) College (D) Family

52. In _____ type of marriage, more than one man marry one woman at a time.
- (A) Polyandry (B) Polygyny
(C) Hypergamy (D) Hypogamy
53. Odisha shares its boundary with how many states ?
- (A) 3 (B) 4
(C) 5 (D) 6
54. Which of the following national parks houses mangrove forest known as *hental bana* in Odisha ?
- (A) Bhitarkanika National Park (B) Similipal National Park
(C) Sundarban National Park (D) Indravati National Park
55. The Debrigarh Wild Life Sanctuary is located in which district of Odisha ?
- (A) Sambalpur (B) Bargarh
(C) Sundargarh (D) Deogarh
56. Which dolphin species is found in Chilika ?
- (A) Gangetic Dolphin (B) Irrawaddy Dolphin
(C) Humpback Dolphin (D) Spinner Dolphin
57. Which of the following rivers originates in Odisha ?
- (A) Mahanadi (B) Subarnarekha
(C) Baitarani (D) Brahmani
58. Which Five-Year Plan provided Hirakud Dam to the nation ?
- (A) First (B) Second
(C) Fourth (D) Fifth

59. Which district of Odisha has the minimum literacy rate as per Census 2011 ?
- (A) Kalahandi (B) Bolangir
(C) Nabarangapur (D) Nuapada
60. Which of the following is the largest lake in the world in terms of surface area ?
- (A) Lake Superior (B) Caspian Sea
(C) Lake Victoria (D) Chilika Lake
61. The magnitude of the earthquake is measured by _____ scale.
- (A) Richter (B) Anderson
(C) Beufort (D) Mohr
62. Which country has a flag with a pointed red maple leaf ?
- (A) Austria (B) Canada
(C) Lebanon (D) Australia
63. Which is the first planet to have been discovered by the use of telescope ?
- (A) Jupiter (B) Mars
(C) Saturn (D) Uranus
64. A magazine printed a survey in its monthly issue and asked readers to fill it out and send it in. Over 1000 readers did so. This type of sample is called _____.
- (A) Cluster sample (B) Self-selected sample
(C) Stratified sample (D) Simple random sample
65. Which one of the following variables is not categorical ?
- (A) Age of a person (B) Gender of a person
(C) Choice on a test item (D) Marital status of a person

66. Which one of these statistics is unaffected by outliers ?
- (A) Mean (B) Interquartile range
(C) Standard deviation (D) Range
67. One use of a regression line is to _____.
- (A) Determine if any x-values are outliers
(B) Determine if any y-values are outliers
(C) Determine if a change in x causes a change in y
(D) Estimate the change in y for a one-unit change in x
68. A Chi-square test involves a set of counts called "expected counts." What do the expected counts mean ?
- (A) Hypothetical counts that would occur if the alternative hypothesis were true.
(B) Hypothetical counts that would occur if the null hypothesis were true.
(C) The actual counts that did occur in the observed data.
(D) The long-run counts that would be expected if the observed counts are representative.
69. Urbanization is best defined as _____.
- (A) People moving from rural areas to urban areas
(B) The growth in the population of urban areas as a result of several factors
(C) The increase in the proportion of people living in urban areas
(D) Increasing geographical area of cities
70. According to Indian Census, what are centres with population of more than one lakh called :
- (A) City (B) Metropolitan City
(C) Mega City (D) Urban Agglomeration

71. What is the direction of flow of energy in an ecosystem ?
- (A) Unidirectional (B) Bidirectional
(C) Multidirectional (D) Cyclic
72. What is the name of the process that allows organisms to survive in the conditions of their new habitat ?
- (A) Adjustment (B) Adaptation
(C) Acclimatization (D) Adaptive variation
73. The term ecosystem was proposed by :
- (A) Lindeman (B) Tansley
(C) Grinnel (D) Turesson
74. What percentage of oxygen and carbon dioxide exists in the ecosystem ?
- (A) 20.95% and 0.004% (B) 20.95% and 0.04%
(C) 20.0% and 0.40% (D) 20.0% and 0.44%
75. Students believe that they will be able to complete their tasks effectively and achieve their goals. Here is an example of :
- (A) Self-control (B) Self-concept
(C) Self-worth (D) Self-efficacy
76. A calculation sheet which shows, for each age, the probability that a person of that age will die before their next birthday is called :
- (A) Life Expectancy (B) Life Table
(C) Mortality Table (D) Survival Table
77. Most of the world population growth in the near future will be in _____.
- (A) Europe (B) North America
(C) Developing Countries (D) Developed Countries

78. The United Nations has established a total of _____ Sustainable Development Goals (SDGs).

(A) 15

(B) 16

(C) 17

(D) 18

79. Identify the incorrect statement from among the following :

(A) Eutrophication is a natural process seen in fresh water bodies

(B) Greenhouse effect occurs naturally

(C) In the upper part of the atmosphere, ozone causes harm to animals

(D) Ozone is a secondary pollutant

80. Which atomic power station in India is built completely indigenously ?

(A) Kalpakkam

(B) Narora

(C) Rawat Bhata

(D) Tarapore



SPACE FOR ROUGH WORK

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SEAL