



# KERALA STATE CIVIL SERVICE ACADEMY

## Civil Service Preliminary

### Entrance Test – Sample Question Paper

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Time Allowed: 2 Hrs.

Max. Marks: 100

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#### INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OF TORN OR MISSING PAGES OR ITEMS. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. You have to enter your **Name in full** on the test Booklet in the box provided alongside.
3. The Test Booklet contains 100 questions. Each question is printed in English. Each question comprises four responses (answers). You will select the response, which you want to mark. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **ONLY ONE** response for each item.
4. **You have to mark all your responses ONLY on the separate Answer Sheet provided.**
5. Each question carries 1 mark. There will be **no negative** mark.

- 1) Micro finance implies
  - A) Finance provided to individuals who are not physically fit
  - B) Finance provided to SHGs (Self Help Groups) as poverty alleviation program
  - C) Finance provided to small scale units
  - D) None of the above
  
- 2) India had a Plan holiday during
  - A) 1966—67
  - B) 1966-68
  - C) 1968-69
  - D) 1966-69
  
- 3) Rising trend in share prices is called
  - (A) Bearish trend
  - (B) Bullish trend
  - (C) Ratio trend
  - (D) Stock holding
  
- 4) Which brand/company uses the add line "We know India better"?
  - (A) Max New York Life Insurance
  - (B) LIC of India
  - (C) Amul
  - (D) Bajaj
  
- 5) National Sample Survey Organization (NSSO) was established in—
  - (A) 1950
  - (B) 1951
  - (C) 1952
  - (D) 1947
  
- 6). "Smart Money" is a term used for—
  - (A) Internet Banking
  - (B) Credit Card
  - (C) Cash with Bank
  - (D) Cash with Public
  
- 7) Which of the following plan is meant for constructing houses for rural people ?
  - (A) Indra Avas Yojana
  - (B) Ambedkar Avas Yojana
  - (C) PURA
  - (D) None of the above
  
- 8) Indian Rupee has got its symbol recently. This symbol has been designed by—
  - (A) C. Vijaya Kumar
  - (B) C.Udaya Kumar
  - (C) D. Udai Kumar
  - (D) D.Vijaya Kumar
  
- 9) Inflation in India is measured on which of the following index/indicator ?
  - (A) Cost of Living Index
  - (B) Consumer Price Index
  - (C) Wholesale Price Index
  - (D) Gross Domestic Product
  
- 10) When was RBI nationalized?
  - (A) 1st April, 1935
  - (B) 1st January, 1949
  - (C) 1st January, 1935
  - (D) 19th July, 1969
  
11. If the radius of the circular path of particle going around the circle is doubled without changing its frequency of rotation then the centripetal force on it is
  - (a) unchanged
  - (b) doubled
  - (c) halved
  - (d) quadrupled
  
12. For a particle moving along a circular path with a constant speed, the acceleration is constant in
  - (a) Magnitude
  - (b) direction
  - (c) both magnitude and direction
  - (d) Neither magnitude nor direction
  
13. A stone is tied to the end of a string and is whirled along a circular path. What happens when the string breaks?
  - (a) stone flies radially inwards
  - (b) stone flies radially outwards
  - (c) stone drops down
  - (d) stone flies along the tangent to the circular path

14. What happens to the centripetal acceleration of a particle, when its speed is doubled and angular velocity is halved?  
 (a) Doubled (b) halved (c) remains unchanged (d) becomes 4 times
15. The angular speed of second's hand of a watch is  
 (a)  $\pi/30$  rad/s (b)  $\pi/60$  rad/s (c)  $\pi/45$  rad/s (d) none of the above
16. Chromosome theory of inheritance is proposed by :  
 (a) Bateson and Punnett (b) Correns (c) Sutton and Boveri (d) Watson and Crick
17. Plasma without clotting factor is called :  
 (a) Lymph, (b) Fibrinogen, (c) Serum (d) Fibrin
18. EFB is :  
 (a) English Federation of biotechnology (b) Enriched Federation of Biology  
 (c) Enhanced Federation of biotechnology (d) European Federation of biotechnology
19. Nematode that cause filariasis is  
 (a) Ancylostoma (b) Wuchereria (c) Microfilaria (d) Plasmodium .
20. Bee keeping is otherwise known as  
 (a) Apiculture (b) Sericulture (c) Aquaculture (d) Pisciculture
21. The substance used for the artificial ripening of fruits is  
 (a) Silicon Carbide (b) Calcium carbide (c) Magnesium carbide (d) Aluminium carbide
22. Which of the following is wrongly matched  
 (a) Blue vitriol - Hydrated copper sulphate  
 (b) Muriatic acid - Hydrochloric acid  
 (c) Washing soda - Anhydrous sodium carbonate  
 (d) Sal ammoniac - Ammonium chloride
23. In a barometer, mercury is preferred to water because  
 (1) Mercury is a good conductor of heat (2) Mercury has a high density  
 (3) Mercury has a low vapour pressure  
 (a) 1&2 (b) 1&3 (c) 2&3 (d) 1,2 &3
24. The black colour of the black cotton soil is due to the presence of  
 (a) Titaniferous magnetite (b) Compound of iron  
 (c) Accumulation of humus (d) All of these
25. Which of the following is the only ore of tin?  
 (a) Sphalerite (b) Corundum (c) Cassiterite (d) Psilomelane
26. The words 'Socialist, secular and integrity' were added to the preamble of the Indian Constitution by -----amendment.  
 (a) 24 th (b) 26 th (c) 42 nd (d) 44 th
27. Which of the following are not mentioned in the Indian Constitution?  
 (1) Cabinet (2) Collective responsibility (3) Resignation of Ministers  
 (4) Deputy Prime Minister
- Select the correct answer from the codes given below.  
 (a) 1 and 2 (b) 2 and 3 (c) 1 and 3 (d) 3 and 4
28. The first duty of an Indian Citizen as per Part IV A of the Indian Constitution is -----  
 (a) To defend the country (b) To value and preserve the rich heritage of our composite culture  
 (c) To safeguard public property (d) To abide by constitution and respect its ideals and institution.

29. Name the first committee appointed by the Central Government to study centre-state relations.  
 (a) Rajamannar Committee (b) Sarkaria Commission  
 (c) Santhanam Committee (d) M.M.Punchhi Committee
30. The Indian President's veto power is a combination of  
 1. Absolute Veto 2. Suspensive Veto 3. Qualified Veto 4. Pocket Veto  
 Select the correct code-  
 (a) 1,3 and 4 (b) 1,2 and 3 (c) 1,2 and 4 (d) 1,2,3 and 4
31. 'Right of Education' is now a fundamental right as per -----amendment of the Indian Constitution.  
 (a) 44 th (b) 52 nd (c) 86 th (d) 91 st
32. Among the following which is not a basic feature of Indian constitution  
 (a) Republican form (b) Rule of Law (c) Judicial review (d) Parliamentary sovereignty
33. Which article of the Indian Constitution empowers the President to proclaim 'Financial Emergency'  
 (a) Art 350 (b) Art 352 (c) Art 356 (d) Art 360
34. Which of the following pair is not correctly matched?  
 (a) Dr.B.R. Ambedkar - First Law Minister of India  
 (b) Lal Bahadur Sastri - First Union Education Minister  
 (c) Jawaharlal Nehru - First Foreign affairs Minister of India  
 (d) Sardar Patel - First Union Home Minister
35. Who presides over the joint session of the Parliament in the absence of the speaker of Lok Sabha.  
 (a) Dy.Speaker (b) Vice President  
 (c) Dy.Chairman of Rajyasabha (d) Senior most member of parliament.
36. Amundsen, the first man to reach the South Pole was a:  
 (a) Australian (b) New Zealander (c) Norwegian (d) British
37. Which country's currency is Riel?  
 (a) Vietnam (b) Laos (c) Cambodia (d) Thailand
38. The Head quarters of the Asian Development Bank is in:  
 (a) Singapore (b) Manila (c) Bangkok (d) Jakarta
39. Which mineral given below is a valuable flux in steel industry?  
 (a) Barite (b) fluorite (c) apatite (d) halite
40. Which of the following types of forests occupies the largest percentage in India?  
 (a) Conifers and pines (b) Equatorial evergreen  
 (c) Tropical deciduous (d) Savanna and desert vegetation
41. The process of cutting off the vegetative parts of the plant to restrict its height and encourage bushy growth is called:  
 (a) cropping (b) pruning (c) Hedging (d) plucking
42. Which one of the following union territories has the smallest area?  
 (a) Chandigarh (b) Daman & Diu (c) Lakshadweep (d) Pondicherry
43. What was the herbicide called that was applied in the Vietnam War to destroy the forest cover hiding the Viet Cong?  
 (a) Agent Black (b) Agent Pink (c) Agent Green (d) Agent Orange
44. Name the landmark protocol of the UNFCCC asked the industrialised nations to reduce their greenhouse gas emissions by 5% below their 1990 levels:  
 (a) Kyoto Protocol (b) Vienna Convention (c) Cancun (d) Agenda 21

45. The largest island in India is:  
 (a) North Andaman (b) South Andaman (c) Androth (d) Kvarathi
46. Ashok had to do a multiplication. Instead of taking 35 as one of the multipliers, he took 53. As a result, the product went up by 540. What is the new product?  
 (a) 1050 (b) 1590 (c) 1440 (d) 1660
47. After lunch a class starts at 2.00 p.m. and lasts up to 4.52 p.m. There are 4 periods in the afternoon session. If 4 minutes are allowed after every period for changing rooms, what is the exact duration of a period?  
 (a) 42 min (b) 41 min (c) 40 min (d) 39 min
48. Two groups of students, whose average ages are 15 years and 25 years, combine to form a third group whose average age is 23 years. What is the ratio of the number of students in the first group to the number of students in the second group?  
 (a) 8 : 2 (b) 2 : 8 (c) 4 : 6 (d) None of these
49. In an election where there are two candidates only, the candidate who gets 62% of votes, is elected by a majority of 72 votes. Find the total number of votes recorded?  
 (a) 200 (b) 240 (c) 310 (d) 300
50. The value of a machine depreciates at the rate of 10% per year. Find its purchase price, if at the end of 3 years its value is Rs 8748?  
 (a) Rs 6337 (b) Rs 11372 (c) Rs 12000 (d) Rs 10000
51. The sides of a triangle are in the ratio  $\frac{1}{2} : \frac{1}{3} : \frac{1}{4}$ , and its perimeter is 104 cm.  
 The length of the longest side is  
 (a) 48 cm (b) 27 cm (c) 52 cm (d) 36 cm
52. A man walking with  $\frac{3}{4}$ th of his usual speed reaches office 20 minutes late. In what time will he reach office walking at his usual speed?  
 (a) 1 hour (b) 2 hour (c) 3 hour (d) 4 hour
53. The HCF and LCM of two 2-digit numbers are 16 and 480 respectively. The numbers are  
 (a) 40, 48 (b) 60, 72 (c) 60, 80 (d) 80, 96
54. If  $n$  is a whole number greater than 1, then  $n^2(n^2-1)$  is always divisible by  
 (a) 16 (b) 12 (c) 10 (d) 8
55. Ram's age was square of a number last year and it will be cube of a number next year. How long must he wait before his age is again the cube of a number?  
 (a) 10 years (b) 39 years (c) 38 years (d) 64 years

(Q56 & 57): Priya takes an examination which has questions with different degrees of difficulty and different marks corresponding to the degree of difficulty. The time taken by Priya to solve the questions is as follows

Degree of difficulty	Marks	Time taken to solve (minutes)
Very difficult	5	7
Difficult	3	5
Not so difficult	1	2

56. If Priya is given 1 hour to answer the questions and there are unlimited numbers of questions of each type, then the maximum marks she can obtain is?  
 (a) 45 (b) 42 (c) 40 (d) 44

57. If Priya has to score exactly 12 marks in the shortest possible time, then how much time she will require?  
 (a) 16 min (b) 20 min (c) 21 min (d) 18 min
58. The position of the first and second digits in the number 94316875 is interchanged. Similarly the positions of the third and the fourth digits are interchanged, and so on. Which of the following will be the third to the left of the seventh digit from the left end after the rearrangement?  
 (a) 6 (b) 1 (c) 4 (d) None of these
59. A, B, C, D, E, F and G are seven members of a family. There are two married couples among them belonging to two different generations. Each member of the family has a different choice of food, i.e., Chinese, Continental, Rajasthani, Punjabi, South Indian, Gujarati and Marathi. The grandfather in the family likes Gujarati food. None of the ladies likes Continental or Rajasthani food. D is the son of A and A likes Chinese food. G is C's daughter-in-law and C likes South Indian meals. B is the grandfather of F and F likes Punjabi food. C is the mother of E and E likes Continental food.  
 Which is the food combination of the two married women?  
 (a) Punjabi and Marathi (b) South Indian and Punjabi  
 (c) Marathi and South Indian (d) Rajasthani and South Indian
60. What should come next in the following number series ?  
 2 2 3 2 3 4 2 3 4 5 2 3 4 5 6 2 3 4 5 6 7 2 3 4 5 6 7 ?  
 (a) 3 (b) 2 (c) 9 (d) 8
61. In a certain code HEALING is written as BFIKHOJ. How is BEDTIME written in that code ?  
 62. EFCSJNF (b) EFCSFNJ (c) EFCUFNS (d) CFESFNJ
- (Q 62 & 63): In each of the questions below are given three statements followed by four conclusions numbered I, II, III and IV. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts
62. Statements: a. No calendar is paper  
 b. No bag is paper  
 c. Some bags are brown  
 Conclusions: I. Some browns are paper  
 II. Some browns are not paper  
 III. No calendar is a bag.  
 IV. Some bags are calendars  
 (a) Either I or II, and III follow (b) Either III or IV, and II follow  
 (c) Either II or III follows (d) Either I or II and either III or IV follow
63. Statements: a. All dogs are fruits  
 b. No chair is fruit  
 c. Some chairs are clowns  
 Conclusions: I. some clowns are dogs  
 II. Some chairs are dogs  
 III. No chair is dog  
 IV. No dog is clown  
 (a) None follows (b) Only either I or IV follows  
 (c) Only either I or IV, and III follows (d) Only either II or III follows and either I or IV follows

64. If in the number 6 3 9 4 2 7 5, each digit is replaced by the previous digit and then all the digits are arranged in ascending order from left to right, which digit is third from the right end?  
 (a) 4 (b) 3 (c) 5 (d) 7
65. A watch is one minute slow at 1 pm on Tuesday and 2 minutes fast at 1 pm on Thursday. When did it show the correct time?  
 (a) 1.00 am on Wednesday (b) 5.00 am on Wednesday  
 (c) 1.00 pm on Wednesday (d) 5.00 pm on Wednesday
66. 'BRICS' is an association of five nations. In this group of five 'B' represents  
 (a) Bangladesh (b) Belgium (c) Brazil (d) Bolivia
67. Indira Goswami passed away in November 2011 in Guwahati. Which one of the following was the sphere of activity of Indira Goswami?  
 (a) Dance (b) Literature (c) Painting (d) Music
68. Fauja Singh, a 100 year old athlete has set a new Guinness record of being the oldest person to complete-----  
 (a) Marathon (b) 10,000 mts (c) 3000 mts (d) 800 mts
69. Which of the following is correctly matched ?  
 (a) Barbara Kingslover - Film Industry  
 (b) Mahasweta Devi - Politics  
 (c) K.K.Shahina - Journalism  
 (d) Kamala Surayya - Human rights activist
70. Who was the first Woman judge of the supreme court of India?  
 (a) Janaki Amma (b) Padmini Jesuduri (c) Anna Chandi (d) Fathima Beevi
71. Which one of the following countries got UNESCO membership on October 31, 2011?  
 (a) Palestine (b) Israel (c) Egypt (d) Sudan
72. Which of the following statements is/are correct?  
 1. Tembhli in Maharashtra has become the first Aadhar villege in India.  
 2. Ranjana Sonawne is the first Indian to get the UID.  
 (a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2
73. What was 'Operation Safe Homecoming' ?  
 (a) Evacuation of Indians in Libya (b) Rescue operations of US citizens in Libya  
 (c) Return of Ali Abdulla Saleh to Yemen (d) Return of Mushraff to Pakistan
74. Justice Sri Krishna commission was appointed for the study of-----  
 (a) Gorkhaland issue (b) Telangana issue (c) Mullaperiyar issue (d) Katragata dispute
75. Name the author of the book " Banker to the Poor"  
 (a) C.Rangarajan (b) S. Rangarajan (c) Dr.K.N.Raj (d) Mohammed Yunus
76. Which one of the following is a Tiger Reserve in Kerala  
 (a) Tenmala (b) Agasthyamala (c) Parambikulam (d) Silent Valley
77. Which one of the following countries is hitting headlines for piracy?  
 (a) Somalia (b) Tunisia (c) South Sudan (d) Kenya
78. Nuclear technology for Kudankulam plant is provided by  
 (a) USA (b) France (c) UK (d) Russia
79. Who is the founder of SEWA ?  
 (a) Ela Bhatt (b) Taylor Swift (c) Mrinalini Sarabai (d) Arundati Roy
80. Which of the following statements is/are correct ?  
 1. Hina Rabbani Khar was Pakistan's first woman Foreign Minister.  
 2. Wangari Maathai was a kenyan environmentalist and first African woman to win Nobel Peace Prize.  
 (a) 1 only (b) 2 only (c) Both 1 and 2 (d) neither 1 nor 2

81. Which of the following country has become the World's largest arms importer  
 (a) India (b) China (c) Pakistan (d) Iran
82. The Abel prize is given in recognition of contribution to -----  
 (a) Physics (b) Chemistry (c) Mathematics (d) Medicine
83. The headquarters of the European Union is located in  
 (a) London (b) Paris (c) Madrid (d) Brussels
84. The present Director General of International Atomic Energy Agency  
 (a) Ronald Nobel (b) Yukia Amano (c) Helen clerk (d) Anil Sood
85. ' Pattanam' is a new archaeological site located in  
 (a) Kerala (b) Tamil Nadu (c) Karnataka (d) Andhra Pradesh
86. Who among the following was the leader of the Extremist group of the Indian National Congress?  
 (a) Gopalakrishna Gokhale (b) Balagangadhara Tilak (c) Sardar Patel (d) Nehru
87. Gandhiji's first political agitation in India.  
 (a) Bardoli Satyagraha (b) Dandi March (c) Champaran movement (d) Quit India movement
88. Partition of Bengal was an administrative measure of  
 (a) Lord Curzon (b) Lord Wellesley (c) Lord Ripon (d) Lord Dalhousie
89. Which of the following pair is wrongly matched  
 (a) Anchu Cent - Thoppil Bhasi  
 (b) Pluto Priya Pluto - P.K.Balakrishnan  
 (c) A minus B - Kovilan  
 (d) Konthayum Poonulum - Vayalar Ramavarma
90. Which of the following Charter Act took the first steps towards codifying the law of British India.  
 (a) Charter Act 1813 (b) Charter Act 1833 (c) Charter Act 1853 (d) None
91. The only viceroy who was murdered in office by a convict in the Andamans in 1872  
 (a) Lord Mayo (b) Lord Elgin I (c) Lord Lytton (d) None
92. Name the author of the novel ' Ghare- Baire'  
 (a) Tagore (b) Chatterjee (c) Sarojini Naidu (d) Dr.Rajendraprasad
93. Who made the first German translation of 'Sakuntala'?  
 (a) Forster (b) Herman Gundert (c) John Wilkins (d) Frederick Engels
94. Which of the following is not connected with Fathepur Sikri of Akbar?  
 (a) The palace of Jodhabai (b) Bulaud Darvasa  
 (c) The chain of justice (d) Ibadath Khana
95. In whose period in Travancore the Tapioca cultivation has been started.  
 (a) Anizham Thirunal (b) Visakham Thirunal (c) Sreemoolam Thirunal (d) None
96. Who started the festival 'Thrissur Pooram'  
 (a) Paliathachan (b) Sakthan Thampuran (c) Nalinan Thampuran (d) Sree Chithira Thirunal
97. Which one of the following constitutional amendments gives constitutional protection to Panchayat?  
 (a) 73<sup>rd</sup> amendment (b) 70<sup>th</sup> amendment (c) 42<sup>nd</sup> amendment (d) 74<sup>th</sup> amendment
98. Right to Education is a fundamental right emanating from the right to  
 (a) Freedom of speech and expression under Article 19 (1) (a)  
 (b) Culture and education under Article 29 and 30  
 (c) Life and personal liberty under Article 21  
 (d) Equality before law and equal protection of the laws under Article 14
99. Who among the following can participate in the proceedings of either house of the parliament?  
 (a) Vice President (b) Chief Justice (c) Attorney General (d) Cabinet Secretary
100. Mandal Commission report is related to  
 (a) Backward classes (b) Minorities (c) Scheduled Castes (d) Scheduled Tribes

