

KERALA STATE CIVIL SERVICE ACADEMY

Model Question Paper

1. Sulva sutras were books on
 - a) Logic
 - b) Geometry
 - c) Grammar
 - d) Astronomy
2. Who among the following was the Guru of Buddha?
 - a) Kantaka
 - b) Viswamitra
 - c) Alara Kaima
 - d) Vasishta
3. The fifth Fundamental Principle which Mahavira added to the existing doctrines is
 - a) Ahimsa
 - b) Brahmacharya
 - c) Asateya
 - d) Aparigraha
4. The combined forces of the Zamorin and Egyptian fleet under admiral Hussain met the Portuguese fleet at
 - a) Goa
 - b) Diu
 - c) Chavakad
 - d) Chaul
5. Who of the following is treated as the architect of the Western dominion in the East?
 - a) Vasco da Gama
 - b) Carbal
 - c) De Almeida
 - d) Affonzo Albuquerque
6. The Chairman of the Fundamental and Minorities Commission of the Constituent assembly was
 - a) Sardar Patel
 - b) Jawaharlal Nehru
 - c) Moulana Abdul Kalam Azad
 - d) B.R.Ambedkar
7. The first Lok Sabha was constituted in the year
 - a)1950
 - b) 1951
 - c)1952
 - d)1953
8. The federal system of India is adopted from
 - a) USA
 - b) Switzerland
 - c) Australia
 - d) Canada
9. Parliamentary sovereignty exists in
 - a) Britain
 - b) USA
 - c) Canada
 - d) Switzerland
10. Among the following, which state does not have a bicameral legislature?
 - a) Andhra Pradesh
 - b) Karnataka
 - c) West Bengal
 - d) Jammu and Kashmir
11. The complementary colour of yellow is
 - a) purple
 - b) Blue
 - c) Green
 - d) violet
12. The particles present in the nucleus of an atom are
 1. electron
 2. proton
 3. neutron
 - a) 1&2
 - b) 1&3
 - c) 2&3
 - d) 1,2 &3
13. Which of the following is the first artificial element?
 - a) Technetium
 - b) Promethium
 - c) Plutonium
 - d) Berkelium
14. Which is the correct order of major elements present in human body by weight in decreasing order?
 - a) oxygen, carbon, hydrogen
 - b) carbon, hydrogen, oxygen, nitrogen
 - c) hydrogen, oxygen, carbon
 - d) oxygen, hydrogen, carbon, nitrogen
15. Which of the following is the simplest amino acid?
 - a) Alanine
 - b) Glycine
 - c) Tyrosine
 - d) Lysine
16. Which pyrimidine nucleotide is present both in DNA and RNA?
 - a) Adenine
 - b) Guanine
 - c) Cytosine
 - d) Thymine

17. Which of the following statements is wrong?
a) Fatty acids and glycerol are the building blocks of lipids
b) DNA and RNA are double stranded molecules with repeated number of nucleotides.
c) Kwashiorkor is a disordered condition due to severe deficiency of proteins
d) More amount of energy can be liberated by the breakdown of fat than carbohydrate per unit amount.
18. The highest annual range of temperature is recorded at
a) Mangalore b) Bombay c) Delhi d) Cuttack
19. About 99% of the atmosphere lies below an altitude of
a) 6 km b) 10 km c) 15 km d) 30 km
20. Which is the wrong statement about a nautical mile?
a) Distance between every degree of latitude
b) Equal to 1.85 km
c) Distance between every minute of altitude
d) Can be calculated with a compass.
21. Which statement is wrong with respect to aphelion and perihelion?
a) distance between Sun and Earth change
b) caused due to elliptical orbit
c) occurs on July 4th and January 3rd
d) causes seasonal changes
22. The equatorial diameter of the Earth is
a) 12765 km b) 12713 km c) 12756 km d) 12743 km
23. The apparent position of the sun on 23rd September is called
a) autumn equinox b) spring equinox
c) winter solstice d) summer solstice
24. An aero plane takes off from 30°N Lat, 50°E Long and lands at the opposite part of the Earth. Where does it land?
a) 30°N, 50°W b) 30°S, 50°W
c) 50°N, 30°W d) 30°S, 130°W
25. The tropic of cancer passes through all the following states except
a) Tripura b) Rajasthan c) Bihar d) Mizoram
26. Two numbers have 16 as their HCF and 146 as their LCM. How many such pairs of numbers are there?
a) zero b) one c) two d) many
27. A dog takes 4 leaps for every 5 leaps of a hare, but 3 leaps of a dog are equal to 4 leaps of the hare. The ratio of the speeds of the dog to the hare is
a) 15:16 b) 16:15 c) 3:5 d) 5:3
28. A merchant buys 11 candles for Rs10 and sells them at 10 for Rs11. His gain is
a) 21% b) 15% c) 10% d) 5%
29. The average age of 40 students is 15 years. When 10 students are also admitted, the average age is increased by 0.2 year. The average age of the new students is
a) 15.2 y b) 16 y c) 16.2 y d) 17 y

30. A man traveled a certain distance by car at the rate of 25 km per hour and walked back at the rate of 4 km per hour. The journey took 5 hours and 48 minutes. What distance did he travel by car?
a) 6.25 km b) 20 km c) 30 km d) 22.5 km
31. In which articles of the Constitution do provisions for financial relations between Union and State Governments made?
a) 263 & 294 b) 264 & 293
c) 248 & 263 d) 264 & 294
32. "Ad-hoc Treasury Bill" scheme of meeting budgetary deficit in India was replaced by "ways and advance systems" with effect from
a) April 1, 1996 b) April 1, 1995
c) April 1, 1994 d) None of these
33. Which type of tax system helps in reducing disparity in income distribution?
a) Proportional tax b) Progressive tax
c) Regressive tax d) Digressive tax
34. A tax on tax is known as
a) surcharge b) additional tax c) cess d) fringe benefit tax
35. Vat is introduced with effect from April 1,
a) 2007. b) 2006 c) 2005 d) 2004
36. CASA-1000 is
a) An electricity transmission project b) Gas pipeline project
c) Nuclear trade pact d) Uranium deal
37. Which of the following pairs is correct with regard to the last two NATO members?
a) Macedonia and Albania b) Georgia and Croatia
c) Macedonia and Georgia d) Albania and Croatia
38. The 2011 Asia Pacific Economic Cooperation summit is held in
a) Singapore b) Japan c) Russia d) USA
39. Which of the following countries was fully integrated to NATO strategic Military Command from which it had pulled out in 1966?
a) Spain b) Australia c) France d) Germany
40. The architect of Sun Shine Policy was
a) Samak Sunderavej b) Kim Jong Noon
c) Kim Dae Jung d) Kim Jong II
41. Who among the following hosted the first G-8 meeting?
a) Canada b) Russia c) USA d) France
42. Which one of the following treaties is better known as Moscow Treaty?
a) Reform Treaty b) Nuclear free World Treaty
c) SRART d) SORT
43. Justice and Equality Movement is a rebel group of
a) Somalia b) Congo c) Sudan d) China
44. Kisumu which figured in the news for anti Indian violence is located in
a) Somalia b) Kenya c) Liberia d) Algeria
45. Which one of the following is not the Outreach Partner of the G-8?
a) Brazil b) India c) South Africa d) Pakistan

Answer questions 46-47 based on the following paragraph.

A quiz competition was organized in a school and the performance of students was recorded on a piece of paper with ink. But somehow some water fell on the paper and the information remained incomplete. However, the scorer has some clues which are:

	Average	Good	Excellent	Tptal
Male			12	
Female				36
Total		33		

Half the students were either excellent or good. 40% of the students were females. One-third of the male students were average.

46. How many students are both female and excellent?
 a) zero b) 8 c)16 d) None of these
47. What is the ratio of males to females among average students?
 a)1:3 b) 2:3 c) 3:2 d) 3:1
48. Six persons M, N, O, P, Q and R are sitting in two rows , three in each. Q is not at the end of any row. P is second to the left of R. O is the neighbour of Q and is sitting diagonally opposite to P. N is neighbour of R. Who is facing N?
 a) R b) Q c) P d) M
49. P, Q, R, S are four men. P is the oldest but not the poorest. R is the richest but not the oldest. Q is older than S but not than P or R. P is richer than Q but not than S. The four men can be ordered (descending) in respect of age and richness, respectively, as
 a) PQRS, RPSQ b) PRQS,RSPQ
 c) PRQS,RSQP d) PRSQ, RSPQ
50. There are 50 students admitted to a nursery class. Some students can speak only English and some can speak only Hindi. 10 Students can speak both English and Hindi. If the number of students who can speak English is 21, then how many students can speak Hindi, how many can speak only Hindi and how many can speak only English?
 a) 21,11,29 b) 28,18,22 c) 37,27,13 d) 39,29,11.
51. Civil unrest in Moldova in 2009 was due to
 a) Romanian intervention b) Ethnic issues
 c) Alleged run off election d) Involvement by Abkhazia
52. Which one of the following Indian naval ship is engaged in patrolling the Gulf of Eden?
 a) INS Airavat b) INS Mysore
 c) INS Kesari d) INS Shardul
53. MAVEN is Mars Robotic Mission of
 a) USA b) Russia c) Japan d) Italy
54. Sri Lankan army recovered the body of Velupillai Prabhakaran from
 a) Thoppigala b) Moneragala
 c) Nanthikadal d) Vavunia
55. Liander Paes and Cara Black won 2010 Wimbledon mixed doubles. Cara Black is a native of
 a) South Africa b) Zimbabwe
 c) Argentina d) USA

56. Benghazi port, Russia's new naval base is located on the coast of
a) Morocco b) Egypt c) Lybia d) Somalia
57. Which one of the following is not a project associated with the International Space Station?
a) Freedom b) Ulysses c) Columbus d) Kibo
58. Which of the following is the French National Space Centre?
a) CNES b) JSLC c) ESA d) JAXA
59. Which one of the following pairs is correctly matched?
a) LCROSS - Japan
b) Phobos Grunt - USA
c) Rosetta - European Space Agency
d) Beagle - Russia
60. Which of the following countries signed an agreement with ISRO in November 2009 to use the data from OCEANSAT-2?
a) USA b) Russia c) France d) Japan