

# ALL KERALA ASSOCIATION OF ISC SCHOOLS

SCHOLARSHIP EXAMINATION – OCTOBER 2011

STANDARD VII

DATE OF EXAMINATION : TUESDAY, 18<sup>th</sup> OCTOBER 2011

MAX MARKS :100

TIME : 2 Hrs.

Register No. \_\_\_\_\_

Name in Block Capitals \_\_\_\_\_

Signature of the Supervising Examiner \_\_\_\_\_

## **Read the following instructions carefully**

You will **not** be allowed to write during the first five minutes. This time is to be spent in reading the instructions. The time given at the head of this paper is the time allowed for writing the answers.

Answer to this paper must be written on the space provided along with each question .Answer should be brief and to the point. Your work should be neat and no overwriting is allowed. This question paper consists of **FIVE SECTIONS** covering various areas. All sections are to be answered.

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## **ANSWER ALL THE QUESTIONS**

### **SECTION – A (20 Marks)**

#### **Do as Directed**

**Choose the appropriate synonyms for the underlined words and rewrite it.**

1. He is believed to be a very industrious worker. \_\_\_\_\_  
(a) successful                      (b) sensible                      (c) punctual                      (d) diligent
2. The culprit was given rigorous punishment \_\_\_\_\_  
(a) severe                      (b) powerful                      (c) violent                      (d) strong

Choose the appropriate antonyms for the underlined words and rewrite it.

3. The former headmaster was flexible in matters of discipline

- \_\_\_\_\_
- (a) contented                      (b) feasible                      (c) condemned                      (d) rigid

4. On the hill side, he could see the vague shapes of sheep coming through the mist.

- \_\_\_\_\_
- (a) clear                      (b) transparent                      (c) plain                      (d) apparent

Use the correct tense forms of the verbs given in the brackets.

5. If he \_\_\_\_\_ the money, he would buy it now. (have)

6. Some very beautiful poems \_\_\_\_\_ by modern poets. (write)

Fill in the blanks with suitable articles:

7. \_\_\_\_\_ English defeated \_\_\_\_\_ Germans.

Fill in the blanks with suitable prepositions.

8. I prevailed \_\_\_\_\_ him to join the gymnasium.

9. What a contrast \_\_\_\_\_ the two siblings?

Complete each sentences with the appropriate form of the words given in the brackets.

10. The \_\_\_\_\_ to the first class is on the other side. (enter)

11. The children were roaring with \_\_\_\_\_ (laugh)

Rewrite the sentences according to the instruction given.

12. She said, 'I am never going to believe you again.' (Begin : She said that . . . . .)

\_\_\_\_\_

13. The memory is so vivid that I will never forget it. (use : too)

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**Name the following**

14. Which poet has been called the High-Priest of Nature?

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15. The author of 'Pride and Prejudice'.

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16. Name the famous cricket player who wrote the book 'Sunny Days'.

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17. "And miles to go before I sleep  
And miles to go before I sleep". Whose lines are these?

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18. Who wrote the book, 'The Discovery of India' ?

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19. In which book did Arundhati Roy create the famous character, 'Baby Kochamma'?

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20. Name the famous Malayalam poet who won the Njanapith Award in 2007.

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**SECTION – B (15 Marks)**

**Answer the following:-**

21. What number added to 0.9364 gives 1? \_\_\_\_\_  
[ 0.1746 , 0.1636 , 0.0636 , 0.0036 ]

22.  $6\frac{1}{2}$  metres is what percent of  $8\frac{2}{3}$  m. \_\_\_\_\_  
[ 75% , 50% , 90% , 80% ]

23. If  $A : B = 5 : 11$  and  $B : C = 7 : 9$ , what is  $A : C$ ? \_\_\_\_\_  
 [ 35 : 77, 35 : 99, 77 : 99, 99 : 35 ]
24. The cost of 5 eggs is the same as the selling price of 4 eggs. What is its profit %?  
 [ 20%, 50%, 25%, 30% ]
25.  $\frac{1}{8}$  of a pole is black,  $\frac{1}{2}$  of the remaining is red and the remaining  $3\frac{1}{2}$  m is green.  
 What is the total length of the pole? \_\_\_\_\_  
 [ 16m, 8m, 56m, 24m ]
26. A train 100 metres long is running at the speed of 30km/hr. In what time will it pass a man standing near a railway track?  
 [ 24 sec,  $3\frac{1}{3}$  hr., 720 sec, 12 sec ]
27. If  $a = -1$ , what is the value of  $(2a^3)^4 \cdot (4a^2)^2$ ? \_\_\_\_\_  
 [ -256, 256, -64, 64 ]
28. The sum of two consecutive odd numbers is 140. Which of the following can be the bigger number? \_\_\_\_\_  
 [ 69, 73, 67, 71 ]
29. The cube of a positive integer multiplied to the square of a negative integer gives the result as a \_\_\_\_\_  
 [ positive integer, negative integer, zero, none of these ]
30. If  $x = -1$ ;  $y = 1$ ;  $z = 1$ , what is the value of  $xy + yz + zx + 1$  \_\_\_\_\_  
 [ 1, 0, -1, 2 ]
31. Which number is used for millennium? \_\_\_\_\_  
 [ 1000, 10,000, 1,000,000, 100 ]
32. Which geometrical shape is observed in a honey comb? \_\_\_\_\_  
 [ Regular octagon, Regular pentagon, Regular hexagon, Regular decagon ]

33. Fred can eat 27 chocolates in 1 hour, Alice can eat 2 chocolates in 10 minutes, and Kelly can eat 7 chocolates in 20 minutes. How long will they take to share and eat a box of 120 chocolates. \_\_\_\_\_

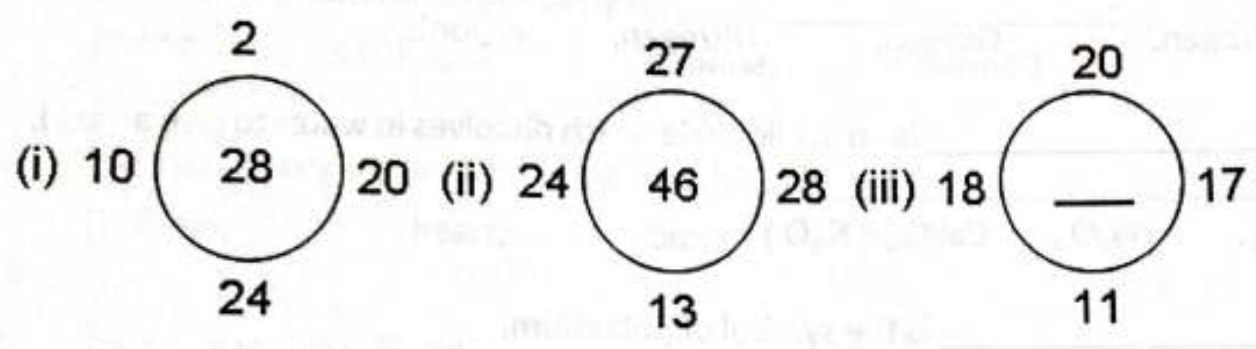
[57 minutes,  $1\frac{1}{2}$  hrs, 1 hr, 2 hrs]

34. Pick out the missing number from the answer choices :- \_\_\_\_\_

2, 6, 14, 26, 42, 62,

[86, 72, 82, 92]

35. In the following question, there are three circles with four numbers outside them. Find out the missing number inside the third circle from the answer choices. \_\_\_\_\_



[ 35, 36, 33, 34 ]

**SECTION – C (22 Marks)**

**Choose the right answer:-**

36. Friction between bodies produces \_\_\_\_\_

( motion , heat , expansion )

37. In a laboratory thermometer, the lower fixed point is \_\_\_\_\_

( $10^{\circ}\text{C}$  ,  $100^{\circ}\text{C}$  ,  $0^{\circ}\text{C}$ )

38. A device used to step up the voltage supplied by electric supply station is a \_\_\_\_\_

( transformer , generator , dynamo )

39. The principle behind the hydrogen bomb is \_\_\_\_\_  
(Nuclear fission, Nuclear fusion, Nuclear radiation)
40. The scientist who proved that light is composed of seven colours?  
\_\_\_\_\_  
(Snell, Joule, Newton)
41. \_\_\_\_\_ is a weak acid present in milk.  
(Mallic acid, Citric acid, Lactic acid, None of these)
42. \_\_\_\_\_ is an example of a noble gas.  
(Hydrogen, Oxygen, Nitrogen, Argon)
43. \_\_\_\_\_ is an acidic oxide which dissolves in water to give an acid.  
( $\text{SO}_2$ ,  $\text{Na}_2\text{O}$ ,  $\text{CaO}$ ,  $\text{K}_2\text{O}$ )
44. \_\_\_\_\_ is the symbol of potassium.  
(Zn, K, Na, Al)
45. \_\_\_\_\_ is the formula of copper chloride.  
( $\text{CaCl}_2$ ,  $\text{CuCl}_2$ ,  $\text{CCl}_4$ , None of these)
46. \_\_\_\_\_ is the gas evolved when an active metal reacts with a dilute acid.  
(Hydrogen, Oxygen, Nitrogen, Chlorine)
47. \_\_\_\_\_ is the ability of a substance to be hammered into sheets.  
(Ductility, Malleability, Efflorescence, None of these)
48. Poliomyelitis is a disease caused by \_\_\_\_\_  
(fungus, virus, bacterium, protozoa)

49. Which disease is popularly known as 'black death'? \_\_\_\_\_  
( dengue fever , malaria , chikun gunya , plague )
50. The most abundant tissue in our body is \_\_\_\_\_  
( muscular tissue, nervous tissue, epithelial tissue, connective tissue)
51. Which of the following vitamin is necessary for the proper utilization of calcium and phosphorous? \_\_\_\_\_  
( vitamin A, vitamin B, vitamin C, vitamin D)
52. Which organ is popularly known as 'Adam's apple'? \_\_\_\_\_  
(pharynx, larynx, trachea, alveoli)
53. The hardest material in our body is \_\_\_\_\_  
( bone, cartilage, dentine, enamel)
54. With which organs are Nephrons associated? \_\_\_\_\_  
(kidneys, heart, brain, liver)
55. Jaundice mainly affects \_\_\_\_\_  
(heart, liver, brain, kidney)
56. Which part of the brain controls the heart beat? \_\_\_\_\_  
(cerebrum, cerebellum, hypothalamus, medulla oblongata)
57. The smallest bone in the human body is \_\_\_\_\_  
(femus, radius, stapes, ulna)

#### SECTION – D (8 Marks)

Fill in the blanks with the correct answer:-

58. Charminar is situated in \_\_\_\_\_  
(Hyderabad, Uttaranchal, Kerala )
59. National Science Day is \_\_\_\_\_  
( January 20<sup>th</sup> , February 28<sup>th</sup> , March 12<sup>th</sup> )

60. Salt Sathyagraha was in the year \_\_\_\_\_  
(1920, 1930, 1935)
61. How many corporations are there in Kerala \_\_\_\_\_  
(5, 15, 25)
62. The first butterfly park in Asia. \_\_\_\_\_  
(Thenmala, Silent Valley, Kumarakom)
63. The Speaker of Kerala is \_\_\_\_\_  
(Ramesh Chennithala, T.V Prakash, G. Karthikeyan)
64. The Leader of Opposition in the Rajyasabha is \_\_\_\_\_  
(Arun Jaitly, Meera Kumar, Sushma Swaraj)
65. The Red Fort was built by \_\_\_\_\_  
(Aurangzeb, Shajahan, Humayun)

### SECTION E (35 marks)

Choose the correct answer:-

66. A byte is a collection of \_\_\_\_\_ bits.  
(7, 9, 8)
67. The full form of ASCII is \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(American Standard Code for Information Interchange, Americal Signal code for Indirect Information, Asian Standard code for Information Interchange)
68. C++ was developed by \_\_\_\_\_  
(James Gosling, Bjarne Stroustrup, Prof. John Kenney)



69. Computer can understand only \_\_\_\_\_ codes.  
(Binary, Decimal, Hexadecimal)
70. A \_\_\_\_\_ is a software, which is used for accessing and viewing any information on the internet.  
(search engine, browser, server)
71. The best chess computer is IBM's \_\_\_\_\_  
(Deep blue, Poke mon, Super chess)
72. Super Computer developed in India is \_\_\_\_\_  
(Param, Cray, Windows)
73. \_\_\_\_\_ is used to enhance Oral Presentation.  
(M.S Power point, Adobe Photoshop, Macromedia Dream Weaver)
74. \_\_\_\_\_ is an example for Search Engine.  
(google.com, rediffmail.com, orkut.com)
75. Abacus, first known calculating device was developed by \_\_\_\_\_  
(Chinese, Indians, Americans)
76. Which country is known as "The Island of Pearls"? \_\_\_\_\_  
(England, Cuba, Thailand, Bahrain)
77. Which is the largest planet in the solar system? \_\_\_\_\_  
(Jupiter, Saturn, Mercury, Earth)
78. Which is the national tree of India? \_\_\_\_\_  
(Neem tree, Banyan tree, Lotus tree, Mango tree)
79. World Flood's Day is observed on \_\_\_\_\_  
(October 10, October 16, October 28, October 24)

80. Who among the following has been declared as Businessman of the Decade?

\_\_\_\_\_

(Mukesh Ambani, Ratan Tata, Anil Ambani, Azim Premz)

81. Which of the following countries is the host for the 2016 Olympic games?

\_\_\_\_\_

(South Africa, Netherlands, Brazil, Italy)

82. What is the national emblem of Canada?

\_\_\_\_\_

( Water lily, White lily, Rose, Lily)

83. Which among the following is used for measuring wind speed.

\_\_\_\_\_

(Anemometer, Hygrometer, Spectrometer, Lactometer )

84. Which country has launched its new currency?

\_\_\_\_\_

(Norway, Romania, Sudan, Sweden)

85. Who is the present Vice-President of India?

\_\_\_\_\_

(Hamid Ansari, K. Rahman Khan, Pratibha Patil )

86. Name the former Indian Prime Minister who was honoured with the highest Bangladesh award on 25<sup>th</sup> July 2011?

\_\_\_\_\_

(P.V Narasimha Rao, Indira Gandhi, Rajiv Gandhi, Atal Bihari Vajpaye)

87. The world's first double leg transplant was performed by doctors in one of the following countries?

\_\_\_\_\_

(Spain, U.K, U.S.A, India)

88. Which of the following planets completed its first orbit around the sun on 12<sup>th</sup> July 2011?

\_\_\_\_\_

(Uranus, Jupiter, Neptune, Saturn)

89. Who won the 2000<sup>th</sup> test cricket held at Lords cricket ground? \_\_\_\_\_  
(India, Australia, Pakistan, England)
90. Which Indian is qualified for London Olympics 2012 for the shot put event?  
\_\_\_\_\_  
(Asiad Bahadur Singh, Om Prakash Singh, Sanath Hasda, None of these)
91. With which sport is the Indian team 'Dempo' associated? \_\_\_\_\_  
(Foot ball, Basket ball, Volley ball, Boxing)
92. With which game is the term "knock out" associated? \_\_\_\_\_  
(Hockey, Wrestling, Boxing, Cricket)
93. Who is known as the King of Chess? \_\_\_\_\_  
(Sulthan Khan, Viswanathan Anand, Emanuel Lasker, Bobby Fisher)
94. Which Indian tennis player holds career best rank of 62 in the singles list?  
\_\_\_\_\_  
(Leander Paes, Sania Mirza, Mahesh Bhupathi, Somdev Devvarman)

**Develop the following abbreviations:-**

95. N.I.C  
\_\_\_\_\_
96. S.I.M  
\_\_\_\_\_
97. I.A.E.A  
\_\_\_\_\_
98. V.A.T  
\_\_\_\_\_
99. W.H.O  
\_\_\_\_\_
100. U.N.E.S.C.O  
\_\_\_\_\_  
\_\_\_\_\_