

SAINIK SCHOOL
Model Test Paper - I

Class – 6th



Admission Helpline No: 74199-99228

SAINIK SCHOOLS Model Test Paper - 1

LANGUAGE TEST - (ENGLISH)

Direction (1 - 5): Choose the word opposite in meaning to the given word and mark it in the answer sheet.

1. Fortify:

- (a) Strengthen (b) Support
(c) Undermine (d) Intensify

2. Misanthropist:

- (a) Philanthropist (b) Zealot
(c) Pragmatist (d) Pedant

3. Unapproachable:

- (a) Unclear (b) Accessible
(c) Casual (d) Withdrawn

4. Ostracize:

- (a) Crucify (b) Discard
(c) Patronize (d) Shun

5. Abstain:

- (a) Repel (b) Indulge
(c) Disgrace (d) Dismiss

Direction (6-10): Four words are given in each question, out of which only one word is correctly spelt. Find the correctly spelt word and mark your answer in the answer sheet.

6. Find the correctly spelt word

- (a) Containment (b) Confinment
(c) Conceilment (d) Consignment

7. Find the correctly spelt word

- (a) Obeisence (b) Perservance
(c) Turbulance (d) Surveillance

8. Find the correctly spelt word

- (a) Congrruous (b) Auspiscious
(c) Audacious (d) Hillarious

9. Find the correctly spelt word

- (a) Dysfunction (b) Dastitution
(c) Divienation (d) Divarsion

10. Find the correctly spelt word

- (a) Hygeinic (b) Hygienic
(c) Hyigeinic (d) Hyegenic

Direction (11 - 15): A sentence/a part of the sentence are underlined. Below are given alternatives to the underlined part which may improve the sentence. Choose the correct alternative. In case no improvement is required, choose "No Improvement" option.

11. Try to lower the amount of fat in your diet

- (a) Lose
(b) No improvement
(c) Cut (d) Reduce

12. You should cut off on the amount of cigarettes you smoke

- (a) cut out (b) cut down
(c) No improvement (d) cut up

13. You must accustom yourself with new ideas

- (a) No improvement
(b) accustomed yourself with
(c) get accustom to
(d) accustoms yourself to

14. I contradicted against him

- (a) No improvement
(b) contradicted with
(c) contradicted
(d) contradicted over

15. No sooner than it stopped raining, the children went out

- (a) No improvement
(b) had it stopped raining than
(c) did it stopped raining than
(d) did it stop raining than

Direction (16-20): Out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the answer sheet.

16. Synopsis:

- (a) Preview (b) Discussion

- (c) Summary (d) Report
- 17. Contentious:**
(a) Extravagant (b) Precious
(c) Benevolent (d) Controversial
- 18. Conjecture:**
(a) Strife (b) Guess
(c) Critic (d) Gathering
- 19. Brazen:**
(a) Shameless (b) Trashy
(c) Modest (d) Melodramatic
- 20. Jinx:**
(a) Spell (b) Taunt
(c) Juncture (d) Tour
- Direction (21-25):** Out of the four alternatives, choose the one which can be substituted for the given words/sentences and indicate it by blackening the appropriate circle in the answer sheet.
- 21. Scientific study of Earthquakes**
(a) Geography (b) Seismology
(c) Astrology (d) Anthropology
- 22. The study of growing garden plants**
(a) nomenclature (b) nursery
(c) orchard (d) horticulture
- 23. One who copies from other writers**
(a) Offender (b) Plagiarist
(c) Contender (d) Antagonist
- 24. The belief that God is in everything, including nature**
(a) Naturalism (b) Pantheism
(c) Polytheism (d) Mysticism
- 25. Gradually advanced**
(a) Evaded (b) Evolutes
(c) Advantaged (d) Evolved
- GENERAL KNOWLEDGE**
- 26. Which of the following writs is not specifically provided in the Constitution of India?**
(a) Prohibition (b) Mandamus
(c) Quo-warranto (d) Injunction
- 27. 'Economic drain' theory was popularized by**
(a) The Britishers
(b) Dadabhai Naoroji
(c) Vera Anstey
(d) V.V. Bhatt
- 28. The logo of eco-mark in India is**
(a) Rising Sun (b) Earthen Pot
(c) Lion (d) Wheat ear
- 29. Which among the following Five Year Plans could not start on its due time:**
(a) 12th (b) 11th
(c) 9th (d) 8th
- 30. Which of the following countries has launched a major expansion of the Suez Canal:**
(a) Syria (b) Egypt
(c) Lebanon (d) None of the above
- 31. How many UN member countries have reached an agreement on the outcome document of New Sustainable Development Agenda:**
(a) 204 (b) 197
(c) 193 (d) 198
- 32. What is the name of the mobile app which facilitates easy learning of Computer and Internet:**
(a) Dristi (b) Disha
(c) Nayak (d) Pawan
- 33. Which of the following banks became the first in country to launch MUDRA Card in July 2015:**
(a) Bank of India
(b) Corporation Bank
(c) Indian Bank
(d) State Bank of India
- 34. Which Indian American diplomat was recently appointed as the U.S.**

- Ambassador to Sri Lanka and Maldives:**
- (a) Richard Rahul Verma
(b) Suresh Rana
(c) Atul Kashyap
(d) Rakesh Sharma
35. **The Book "Green Signals: Ecology, Growth and Democracy in India", has been written by**
- (a) Jairam Ramesh
(b) Meira Kumar
(c) P. Chidambaram
(d) Medha Patkar/(Megha Patekar)
36. **Who amongst the following has not been inducted as member of the newly constituted cricket advisory committee of BCCI on June 1, 2015:**
- (a) Rahul Dravid
(b) Sachin Tendulkar
(c) Sourav Ganguly
(d) V.V.S. Laxman
37. **Which are the three 'SAARC' countries with whom India has signed a motor vehicle agreement on June 15, 2015:**
- (a) Bangladesh, Sri Lanka, Maldives
(b) Bangladesh, Nepal, Bhutan
(c) Paksitan, Bangladesh, Sri Lanka
(d) Nepal, Sri Lanka, Maldives
38. **In the second quarter of 2015, the Indian Government in principle has decided to set-up how many new 'nuclear power projects' in the country:**
- (a) 7 (b) 8
(c) 9 (d) 10
39. **Which country amongst the following decided in May 2015 to lift ban on import of rice from India:**
- (a) Iran (b) China
(c) Brazil (d) U.S.(A)
40. **Which State/Union Territory decided in May 2015 not to allow foreign direct investment in retail market?**
- (a) Haryana (b) Delhi
(c) Mizoram (d) Kerala
41. **At what rank World Economic Forum report has placed India on 'Human Capital Index' in May 2015:**
- (a) 128th (b) 120th
(c) 108th (d) 100th
42. **On May 25, 2015 who amongst the following was declared as 'International Batsman of the Year' in CEAT Awards:**
- (a) Ajinkya Rahane
(b) Hashim Arnal
(c) Kumar Sangakara
(d) Rangana Herath
43. **Dr. Suniti Solomon, who passed away recently, was associated with which field:**
- (a) Film (b) Medical
(c) Music (d) Literature
44. **Which among the following is India's largest e-commerce company:**
- (a) Flipkart (b) Jabong
(c) m-junction (d) Bharti Airtel
45. **The State which ranks next to Kerala in terms of female literacy in India according to Census 2011 is**
- (a) Mizoram (b) Tripura
(c) Goa (d) Meghalaya
46. **Which State of India has launched the Village Monitoring Project to uplift villages:**
- (a) Maharashtra (b) Kerala
(c) Gujarat (d) Haryana
47. **Who among the following has been recently appointed as Executive-Director of RBI:**

- (a) Reena Hemchanda
(b) Leena Hemchanda
(c) Meena Hemchanda
(d) Heena Hemchanda
48. Which State of India has recently decided to start 'She-Bus' programme:
(a) Tamil Nadu (b) Karnataka
(c) Kerala (d) Andhra Pradesh
49. Which one of the following countries is the largest producer of steel in the world:
(a) U.S.(A) (b) West Germany
(c) China (d) India
50. 'NITI-Aayog' has been constituted under which Article of the Constitution of India:
(a) Article-280 (b) Article-282
(c) Article-286
(d) None of the above

MATHEMATICS

51. How many persons will be able to eat for 100 days the food which is sufficient for 800 persons for 20 days:
(a) 80 (b) 160
(c) 240 (d) 320
52. On dividing a number by 38 the quotient is 10 and the remainder is also 10. The number is
(a) 360 (b) 390
(c) 380 (d) 260
53. What should be the selling price of a buffalo whose cost price is Rs. 12000 to get 40% Profit:
(a) Rs. 18000 (b) Rs. 16800
(c) Rs. 20000 (d) Rs. 176000
54. If the interest on sum Rs. 10000 is equal to Rs. 10000 in 20 years. What is the rate percent?
(a) 4% (b) 5%
(c) 3% (d) 8%

55. What fraction should be divided by $\frac{7}{8}$ to get $\frac{8}{9}$:
(a) $\frac{4}{7}$ (b) $\frac{5}{7}$
(c) $\frac{7}{9}$ (d) $\frac{9}{10}$
56. What is the sum of prime numbers less than 25:
(a) 78 (b) 75
(c) 77 (d) 100
57. A man has a field of 75 acres of which 15 acres has been ploughed. What portion of the field is yet to be ploughed:
(a) $\frac{4}{5}$ (b) $\frac{3}{4}$
(c) $\frac{5}{6}$ (d) $\frac{4}{6}$
58. The speed of a car is 100 km per hr. After 3 hours it covered $\frac{3}{4}$ th of the total distance. What is the total distance?
(a) 400 km (b) 640 km
(c) 600 km (d) 200 km
59. 10 km 6 decameter will be equal to how many meters:
(a) 10066 m (b) 10006 m
(c) 10600 m (d) 16000 m
60. How much is $\frac{3}{4}$ of 1 whole day and night:
(a) 3 hrs. (b) 12 hrs.
(c) 18 hrs. (d) 10 hrs.
61. Find out the greatest number which divides 486 and 1030 leaving 6 as remainder in each case:
(a) 32 (b) 30
(c) 64 (d) 60

62. The perimeter of a square is 32 m. What will be its area?
 (a) 160 m² (b) 64 m²
 (c) 128 m² (d) 96 m²
63. What should be subtracted from 1 to get $\frac{7}{10}$:
 (a) $\frac{1}{10}$ (b) $\frac{2}{10}$
 (c) $\frac{5}{10}$ (d) $\frac{3}{10}$
64. What is 75% of 1 hour:
 (a) 45 min. (b) 30 min.
 (c) 40 min. (d) 60 min.
65. Which shape never have parallel sides:
 (a) Rhombus (b) Triangle
 (c) Octagon (d) Rectangle
66. A company makes 5 blue cars for every 3 white cars it makes. If the company makes 15 white cars in one month. How many blue cars will it make in the month?
 (a) 9 (b) 13
 (c) 17 (d) 25
67. If 50% of a number is 20, what is 75% of the number?
 (a) 8 (b) 15
 (c) 30 (d) 45
68. Cost of a school bag is Rs. 440 and VAT on cost is 2%. What is the total cost?
 (a) Rs. 480 (b) Rs. 448.80
 (c) Rs. 500 (d) Rs. 492
69. 0.05 will be represented in per cent as
 (a) 50% (b) 5%
 (c) 95% (d) 20%
70. The value of 1.5 reduced by 0.02 is equal to:
 (a) 1.3 (b) 1.48
 (c) 1.52 (d) 1.7
71. The greatest fraction is:
 (a) $\frac{1}{3}$ (b) $\frac{1}{2}$
 (c) $\frac{3}{5}$ (d) $\frac{2}{3}$
72. Average runs per over in first 10 overs 6 runs. The 11th and 12th over score maiden (no runs scored). At the 12 over average runs per over is:
 (a) 6 runs (b) 4 runs
 (c) 5 runs (d) 5.5 runs
73. i If a number is divisible by 3. it must be divisible by 9.
 ii If a number is divisible 8. it must be divisible by 4.
 (a) i. true and ii. true
 (b) i. true and ii. false
 (c) i. false and ii. true
 (d) i. false ii. false
74. The smallest 4-digit number divisible by 2 and 3 is
 (a) 1000 (b) 1002
 (c) 1003 (d) 1006
75. The simple interest for Rs. 1050 for 2 years at the rate of 12% per annum is:
 (a) Rs. 102 (b) Rs. 52
 (c) Rs. 352 (d) Rs. 252
76. Which group shows all the numbers that are common factors of 36 and 48?
 (a) 1, 2, 3, 4, 6
 (b) 1, 2, 3, 4, 6, 12
 (c) 1, 2, 3, 4, 6, 9, 12, 18
 (d) 1, 2, 3, 4, 6, 8, 12, 16, 24
77. A restaurant has 38 tables. Each table can seat 4 people. If every table is full. How many people are taking dinner?
 (a) 38 (b) 48
 (c) 122 (d) 152
78. What is supplementary angle of 90°:
 (a) 30° (b) 180°
 (c) 270° (d) 90°

79. A display hoard is 1.5 m by 2 m. How many meters of tape is required to border it?
 (a) 5 m (b) 10 m
 (c) 2.5 m (d) 6 m
80. Which relationship given below is true?
 (a) one hour is $\frac{1}{365}$ of one year
 (b) one hour is $\frac{1}{365}$ of one hour
 (c) one second is $\frac{1}{60}$ of one minute
 (d) one minute is $\frac{1}{60}$ of one second
81. An isosceles triangle has two sides with length x . The third side is $\frac{x}{2}$. What is the perimeter of the triangle?
 (a) $5x$ (b) $2.5x$
 (c) $3x$ (d) $\frac{9}{2}x$
82. A car travels 14 km for every liter of petrol. How many liters of petrol is required to travel 126 km?
 (a) 9 (b) 28
 (c) 4 (d) 10
83. Jatin reads a 200-page book in 10 hours. How many hours he will take to read a 320 page book:
 (a) 16 hrs. (b) 24 hrs.
 (c) 18 hrs. (d) 32 hrs.
84. In what time will a 270 m long train cross 180 m long bridge at the speed of 108 kmph:
 (a) 3 sec (b) 6 sec
 (c) 9 sec (d) 15 sec
85. The average of first 50 natural numbers is
 (a) 25.30 (b) 25.5
 (c) 25.00 (d) 12.25
86. A 270 m long train is running at the speed of 25 kmph. In what time will it cross a man coming from the opposite direction at the speed of 2 kmph:
 (a) 36 se(c) (b) 32 se(c)
 (c) 28 se(c) (d) 24 se(c)
87. If the rate of dividend is 5%, find the income by purchasing 20 shares of Rs. 50 each.
 (a) Rs. 60 (b) Rs. 50
 (c) Rs. 40 (d) Rs. 30
88. If 10% of a number is subtracted from it, the result is 1800. The number is
 (a) 1900 (b) 2000
 (c) 2100 (d) 2140
89. Two pipes can fill a tank in 10 minutes and 30 minutes respectively and third pipe can empty the full tank in 20 mins. If all the three pipes are opened simultaneously, the tank will be filled in
 (a) 10 mins. (b) 8 mins.
 (c) 7 mins. (d) None of these
90. A, B and C together earn Rs. 1100. A and B together get $\frac{7}{11}$ th of the sum. C's share is
 (a) Rs. 700 (b) Rs. 400
 (c) Rs. 300 (d) Rs. 500
91. $138.009 + 341.981 - 146.305 = 123.6 + ?$
 (a) 120.085 (b) 120.85
 (c) 220.085 (d) None of these
92. A man bought a radio for Rs. 800 and spent Rs. 400 on it. He sold it for Rs. 1500. His gain per cent is
 (a) 55% (b) 35%
 (c) 25% (d) 53%
93. A man sells 320 mangoes at the cost price of 400 mangoes. His profit percent is:
 (a) 10% (b) 15%

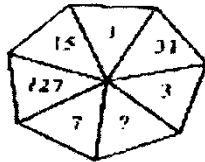
- (c) 20% (d) 25%
94. The least perfect square number which is divisible by 3, 4, 5, 6 and 8 is
(a) 900 (b) 1600
(c) 2500 (d) 3600
95. At What sum the simple interest will be Rs. 500 at the rate of 5% per annum in 4 years:
(a) Rs. 2500 (b) Rs. 2000
(c) Rs. 1500 (d) Rs. 3000
96. A wheel makes 1000 revolutions in covering a distance of 88 kms. The radius of the wheel is
(a) 7 m (b) 14 m
(c) 20 m (d) 12 m
97. At what rate percent per annum a sum of Rs. 1,800 will become Rs. 2,700 in 10 years
(a) 5% (b) 6%
(c) 6.75% (d) 7.5%
98. Find the odd man out
(a) 32:15 (b) 86:42
(c) 56:26 (d) 74:36
99. The cost of a sewing machine is 1391 with 7% sales tax. If the sales tax will increase by 10%, then what will the sales price of the sewing machine:
(a) Rs. 1460 (b) Rs. 1430
(c) Rs. 1480 (d) Rs. 1490
100. From the top of a cliff 90 m high, the angles of depression of the top and bottom of a tower are observed to be 30° and 60° respectively. What is the height of the tower?
(a) 45 m (b) 60 m
(c) 75 m (d) 30 m
- INTELLIGENCE TEST**
101. What number should replace the question mark: 163, 524, 949, 1898, ?
(a) 10878 (b) 10899
- (c) 10879 (d) 12879
102. 14, 12, 21, ?, 28, 24, 35, 30
(a) 16 (b) 18
(c) 20 (d) 22
103. Which alphabet comes immediately before the sixth alphabet from the right extreme of the given alphabets:
(a) E (b) F
(c) G (d) U
104. Find which one word cannot be made from the letters of the given word: CREDENTIAL
(a) DENTAL (b) CREATE
(c) TRAIN (d) CREAM
105. (a) Broad: Wide (b) Light: Heavy
(c) Tiny: Small (d) Big: Large
106. One of the numbers does not belong to the group. Find the number: 87, 116, 145, 173, and 203
(a) 87 (b) 116
(c) 145 (d) 173
107. As COUNSEL is to BITIRAK, so also GUIDANCE is to
(a) EOHYZKBB (b) FOHYZJBB
(c) FPHZZKAB (d) HOHYBJBA
108. Fill the blank from the choice given below:
322120: 321920 :: 324342: ?
(a) 324142 (b) 324132
(c) 323143 (d) 323319
109. If D = 4 and cover = 63, then BASIS = ?
(a) 49 (b) 50
(c) 54 (d) 55
110. If W-O-R-K is coded like 4-12-9-18, then how will you code the following:
B - A - N - K
(a) 7-1-13-4-5-14 (b) 20-25-5-21-22-13
(c) 20-26-9-23-22-13 (d) None

111. If it was Saturday on 17th December 2002, what was the day on 22nd December 2004:

- (a) Monday (b) Tuesday
(c) Wednesday (d) Sunday

112. Find the exact time between 7 am and 8 am when the two hands of a watch meet:

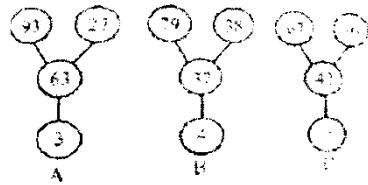
- (a) 7 hr. 35 min
(b) 7 hr. 36.99 min
(c) 7 hr. 38.18 min
(d) 7 hr. 42.6 min



113. What number should replace the question mark:

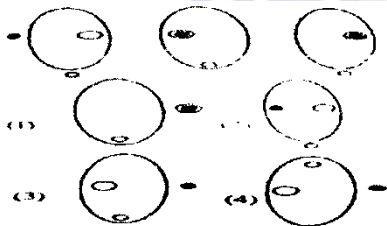
- (a) 64 (b) 63
(c) 72 (d) 78

114. What number should replace the question mark:

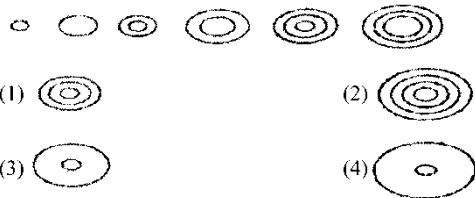


- (a) 5
(b) 6
(c) 8
(d) 9

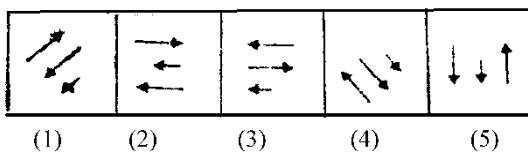
115. What comes next in the sequence:



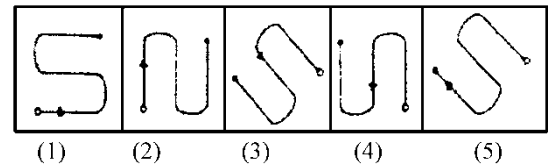
116. What comes next in the sequence:



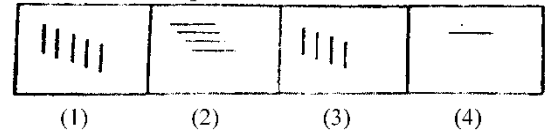
117. Problem figure



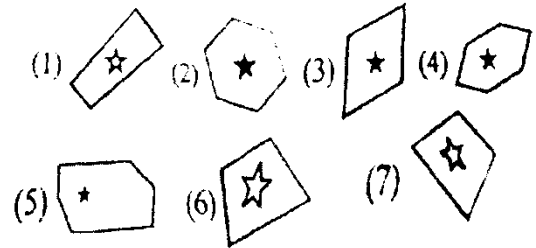
118. Problem figure



119. Problem figure

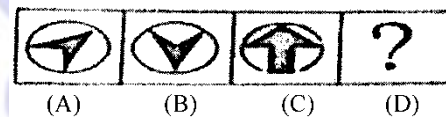


120. Which is the odd one out:



Direction (121-123): Figure A and B are related in a particular manner. Establish the same relationship between figures C and D by choosing a figure from amongst the five alternatives which would replace the question mark in fig (D)

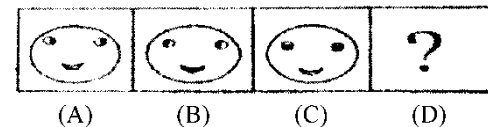
121. Problem Figure



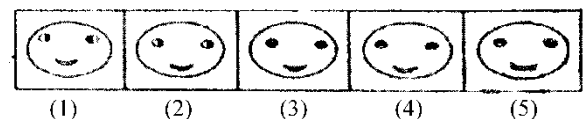
Answer Figures



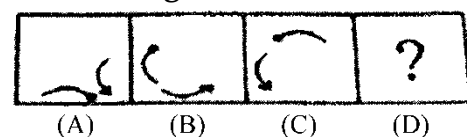
122. Problem Figure:



Answer Figures



123. Problem Figure:



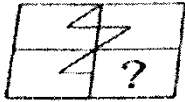
Answer Figures



(1) (2) (3) (4) (5)

Direction (124 - 125): Replace the Question mark with the options:

124.

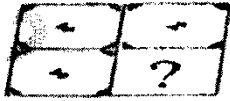


(X)



(1) (2) (3) (4)

125.



(X)



(1) (2) (3) (4)

ANSWER KEY

<u>Language Test (English)</u>									
1. C	4. C	7. D	10. B	13. D	16. C	19. A	22. D	25. D	
2. A	5. B	8. C	11. D	14. C	17. D	20. A	23. B		
3. B	6. D	9. A	12. B	15. D	18. B	21. B	24. B		
<u>General Knowledge</u>									
26. D	29. D	32. B	35. A	38. D	41. D	44. C	47. C	50. D	
27. B	30. B	33. B	36. A	39. A	42. B	45. A	48. C		
28. B	31. C	34. C	37. B	40. B	43. B	46. D	49. C		
<u>Mathematics</u>									
51. B	56. D	61. A	66. D	71. D	76. B	81. B	86. C	91. A	96. A
52. B	57. A	62. B	67. C	72. C	77. D	82. A	87. B	92. B	97. C
53. B	58. A	63. D	68. B	73. C	78. D	83. A	88. B	93. B	98. B
54. B	59. A	64. A	69. B	74. B	79. A	84. B	89. A	94. A	99. B
55. C	60. C	65. D	70. B	75. D	80. C	85. A	90. C	95. B	100. B
<u>Intelligence Test</u>									
101. C	104. D	107. B	110. C	113. B	116. B	119. A	122. D	125. A	
102. B	105. B	108. A	111. C	114. D	117. C	120. C	123. D		
103. A	106. D	109. B	112. C	115. C	118. B	121. D	124. B		

DEFENCE SCHOOL
Making officers....Building Nation....