

**ALL INDIA SAINIK SCHOOLS ENTRANCE EXAMINATION 2018**  
**PAPER I – MATHEMATICS, GK AND LANGUAGE**  
**ANSWER KEY**

**SECTION A**

1. (d) 87655210
2. (c) 52086 , 52800 , 52806 , 52860 , 58260
3. (c) 338892
4. (b) 252525
5. (c) 18 years
6. (c) 61
7. (b) 449
8. (d) 66
9. (a) 200
10. (a) 10% loss
11. (c) 18 hrs 15 min
12. (b) Rs. 15500.00
13. (a) 261120
14. (b) 10013
15. (b) 15
16. (c) 10.026 kg
17. (b)  $113^\circ$  and  $67^\circ$
18. (c) 81 sq. cm
19. (d)  $32^\circ$  ,  $69^\circ$  ,  $79^\circ$
20. (b) All octagons are polygons because they have at least 3 sides
21. (a)  $1\frac{1}{4}$
22. (a) 1010
23. (c) 31
24. (a)  $\frac{17}{72}$
25. (c)  $5\frac{5}{8}$  cups
26. (a)  $\frac{1}{28}$
27. (a) 1.093
28. (c)
29. (a) 81.064
30. (a) 37500
31. (d) 4 hrs 40 min
32. (d) 64000
33. (b) 4 years
34. (a) 35
35. (a) 0.1%
36. (a) 720
37. (a) 12345
38. (c) 0.25,  $\frac{1}{3}$ ,  $\frac{1}{2}$

- 39. (d) 5m/sec
- 40. (b) 93.3° C
- 41. (a) 2970
- 42. (c) 0.9125
- 43. (a) 58 174 232
- 44. (c) 520m
- 45. (d) Rs.3000000
- 46. (d) Rs 28
- 47. (b) 1872
- 48. (c) 20%
- 49. (c) 44 sq cm
- 50. (b) 3/20

## **SECTION B**

- 51. (a) a fibrous outer covering
- 52. (b) beriberi
- 53. (c) dogs
- 54. (c) chemical change
- 55. (c) soil erosion
- 56. (c) mammals
- 57. (d) nervous
- 58. (d) brain
- 59. (a) buoyant force
- 60. (b) Aryabhatta
- 61. (b) seismologists
- 62. (b) oxygen
- 63. (c) globe
- 64. (c) have a thin soil cover
- 65. (d) weather
- 66. (b) River Congo
- 67. (b) Temperate Zone
- 68. (d) loss of hearing
- 69. (d) Syed Ahmad Khan
- 70. (d) suppress nationalism
- 71. (d) complete Independence
- 72. (b) 552 members
- 73. (d) another world war
- 74. (c) fast means of transport
- 75. (c) any topic

## **SECTION C**

76. (D) both (a) & (b)
77. (C) his housekeeper
78. (A) only once
79. (D) locksmith
80. (A) cheap
81. (D) bachelor
82. (C) sheep
83. (A) yours
84. (A) are
85. (C) have
86. (C) speaks
87. (A) have been travelling
88. (C) is attending
89. (B) as big
90. (A) most interesting
91. (A) anonymous
92. (B) theist
93. (D) haven't I
94. (A) does he
95. (D) BADC
96. (C) CADB
97. (A) address
98. (B) appreciation
99. (B) ships
100. (C) children