## VINAYAKAR MATRICULATION HIGHER SECONDARY SCHOOL, SIVAKASI.

**MENTAL ABILITY – Set03** 

CLASS: VIII NAME: **ROLL NO:** DATE: 08-04-2020 MARKS: 10 TIME: 15mts

<b>MENTAL ABILITY</b>	Reasoning
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1. Tall: Dwarf:: Genius	:	?
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(a) short

(b) long (c) idiot (d) intelligence

2. If a man travels at the speed of 24kmph, he reaches his destination late by 15 minutes and if travels at the speed of 48kmph, he reaches 15 minutes earlier. What is the distance travelled by him?

(a) 12km

(b) 18km

(c) 24km

(d)36km

3. If 'DELHI' is coded as '73541' and 'CALCUTTA' as '82589662' how can 'CALICUT' be coded.

(a) 5279431

(b) 5978213 (c) 8251896

(d) 8543691

4. Find out the odd one from given four words.

(a) kidney

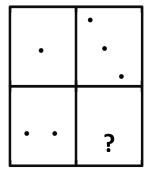
(b) heart

(c) eye

(d) lung

Which figure matches the ? mark in the pattern below:

5.



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(a)	(b)	(c)	(d)

6. Find the antonym of the underlined word. His principles are flexible.

(a) accurate

(b) rigid

(c) sure

(d) familiar

7.  $\sqrt{64} - \sqrt{36}$  is equal to

(a) -2

(b) 2

(c) 0

(d)1

8. Coconut: Shell:: Letter:?

(a) letter box

(b) stamp

(c) mail

(d) envelop

9. Mr. 'X' purchased an article for Rs. 9,200 after getting a discount of 8% on the labeled price. He then sold it at a price so as to earn a profit of 15% on the labeled price. The selling price will be.

(a) Rs. 10,000

(b) Rs. 10,500 (c) Rs. 11,000 (d) Rs. 11,500

10.

21	56	70
45	87	84
115	180	;

(a) 130

(b) 95

(c) 120

(d)50