

# Hunt for Junior CV Raman – 2022

CODE

22009

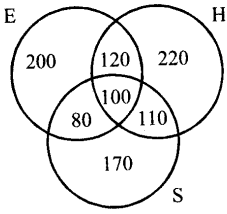
## Class IX

### SAMPLE QUESTION PAPER

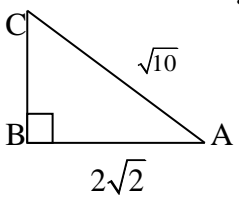
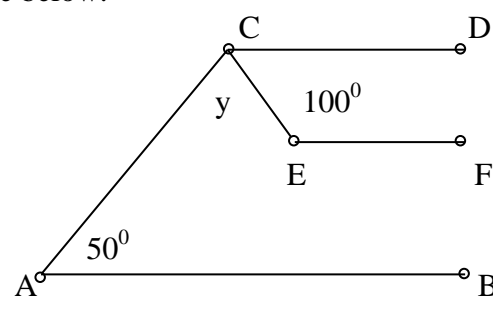
#### SCIENCE

1	The power house of cell is (a) Chloroplast (b) mitochondrion (c) Golgi apparatus (d) Nucleolus
2	AIDS is caused by a) Virus (b) Bacterium (c) Fungus (d) Helminth
3	Light year is a) Light emitted by the sun in one year b) Time taken by light to travel from sun to earth c) The distance travelled by light in free space in one year d) Time taken by earth to go once around the sun
4	1 horse power is (a) 846 Watt (b) 646 Watt (c) 876 Watt (d) 746Watt
5	Dry ice is a) Ice having no water of crystallization b) Ice that has been dried c) Solid CO <sub>2</sub> d) None of these

#### LOGICAL DEVELOPMENT

6	A, B, C and D are playing cards. A and B are partners. D faces towards North. If A faces towards west, then who faces towards south? (a) B (b) C (c) D (d) Data inadequate
7	A result of a survey of 1000 persons with respect to their knowledge of Hindi (H), English (E) and Sanskrit (S) is given below  <p>What is the ratio of these who know all the three languages to those who do not know Sanskrit?</p> <p>(a) <math>\frac{1}{9}</math> (b) <math>\frac{1}{10}</math> (c) <math>\frac{10}{17}</math> (d) <math>\frac{5}{27}</math></p>

## MATHS

8	<p>Consider the following right – angled triangle</p>  <p>Let the perimeter of this triangle be represented by <math>l</math> and its area by <math>A</math>. which of the following statement is true?</p> <ol style="list-style-type: none"> <li>Both <math>l</math> and <math>A</math> are rational</li> <li><math>l</math> is rational while <math>A</math> is irrational</li> <li><math>l</math> is irrational while <math>A</math> is rational</li> <li>Both <math>l</math> and <math>A</math> are irrational</li> </ol>
9	<p>Consider the figure below:</p>  <p>If <math>AB \parallel CD</math> and <math>CD \parallel EF</math>, then the value of <math>y</math> is</p> <ol style="list-style-type: none"> <li><math>50^\circ</math></li> <li><math>70^\circ</math></li> <li><math>60^\circ</math></li> <li><math>40^\circ</math></li> </ol>
10	<p>Two points having same abscissa but different ordinates lie on</p> <ol style="list-style-type: none"> <li>X – axis</li> <li>Y – axis</li> <li>A line parallel to Y – axis</li> <li>A line parallel to X – axis</li> </ol>