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Hunt for Junior CV Raman – 2024

CODE	24009

Class IX

SAMPLE QUESTION PAPER

SCIENCE

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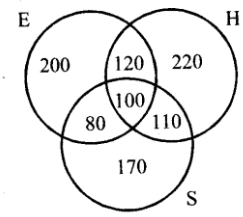
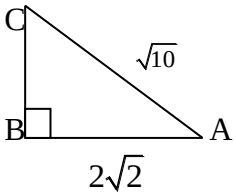
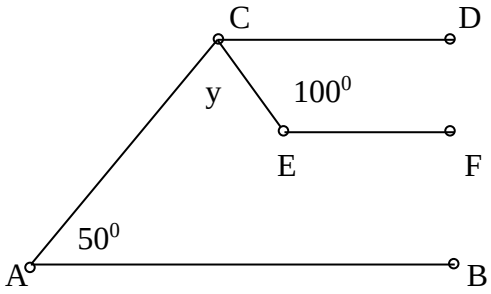
1	The power house of cell is (a) Chloroplast (b) mitochondrion (c) Golgi apparatus (d) Nucleolus
2	AIDS is caused by a) Virus (b) Bacterium (c) Fungus (d) Helminth
3	Light year is a) Light emitted by the sun in one year b) Time taken by light to travel from sun to earth c) The distance travelled by light 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_2 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  What is the ratio of these who know all the three languages to those who do not know Sanskrit? (a) $\frac{1}{9}$ (b) $\frac{1}{10}$ (c) $\frac{10}{17}$ (d) $\frac{5}{27}$

8	Consider the following right – angled triangle  Let the perimeter of this triangle be represented by *l* and its area by A. which of the following statement is true? a) Both *l* and A are rational b) *l is* rational while A is irrational c) *l* is irrational while A is rational d) Both *l* and A are irrational
9	Consider the figure below:  If AB CD and CD EF, then the value of y is a) 50^0 b) 70^0 c) 60^0 d) 40^0
10	Two points having same abscissa but different ordinates lie on a) X – axis b) Y – axis c) A line parallel to Y – axis d) A line parallel to X – axis