

# Hunt for Junior CV Raman – 2022

CODE

22111

## Class XI- MEDI SAMPLE QUESTION PAPER

### PHYSICS

1.	Which relation is wrong? (a) 1calorie= 4.18 joule (c) 1MeV=1.6x10 <sup>-13</sup> Joule	(b) 1A <sup>0</sup> = 10 <sup>-10</sup> m (d) 1 Newton=10 <sup>-5</sup> dyne
2.	A 4kg mass and a 1kg mass are moving with the equal kinetic energies. The ratio of their momentums is (a) 1:2 (c) 2:1	
	(b) 1:1 (d) 4:1	

### CHEMISTRY

3.	Which of the following is an example of super octet molecule? a) ClF <sub>3</sub> b) PCl <sub>5</sub> c) IF <sub>7</sub> d) All of these			
4.	Which of the following bonds have lowest bond energy? a) C – C                      b) N – N                      c) H – H                      d) O – O			

### BIOLOGY

5.	Bacteria reproduces sexually by (a) endospores                      (b) transformation                      (c) conidia                      (d) exospores			
6.	Roots developing from plant parts other than radicle are called (a) Epiphyllous                      (b) epicaulous                      (c) adventitious                      (d) fibrous			
7.	The limbless amphibian is (a) Glass snake                      (b) Hyla                      (c) Ichthyophis                      (d) Salamander			

### MENTAL ABILITY

8.	How many independent words can 'DETERMINATION' be divided into without changing the order of the letters and using each letters only once? a) One                      b) Two                      c) Three                      d) none of these			
9.	I am facing South. I turn right and walk 20 m. Then I turn Right again and walk 10 m. Then I turn left and walk 10 m and then turn right and walk 20 m. Then I turn right again and walk 60 m. In which direction am I from the starting point? a) North                      b) North-west                      c) East                      d) North-east			
10.	3265 : 4376 :: 4673 : ? a) 2154                      b) 3562                      c) 5487                      d) 5784			