



## ENGLISH & SCIENCE QUIZ 2024

### ELIMINATION ROUND

School Code : 49

Total Marks : 100

Candidate Name : RABBIA MUSKAN

Time : 20 Minutes

Roll No. : 049-PAK-HRCA-SCI-2073

Subject : SCIENCE

**Q. 1 Which of the following is best for insulation?**

- a. Glass                                      b. Air                                      c. Brass                                      d. Fiber glass

**Q. 2 Which of the following is true for a free-falling body?**

- a. It moves with non-uniform motion                                      b. It has zero velocity                                      c. It has constant non-zero acceleration                                      d. It has non-uniform acceleration

**Q. 3 If a body does not change its position with respect to some observer then it will be in a state of:**

- a. Rest                                      b. Motion                                      c. Uniform motion                                      d. Relative motion

**Q. 4 The molecules of \_\_\_\_\_ have strongest intermolecular forces.**

- a. Solid                                      b. Liquid                                      c. Gasses                                      d. Plasma

**Q. 5 NaCl is formula of**

- a. Glucose                                      b. Sugar                                      c. Salt

**Q. 6 The unit of pressure is:**

- a. Nm<sup>-2</sup>                                      b. Nm<sup>-1</sup>                                      c. Pa                                      d. Both a & c

**Q. 7 Which of the following is the function of human blood?**

- a. It regulates temperature                                      b. It transport wastes                                      c. It provides defence                                      d. All of the above

**Q. 8 The \_\_\_\_\_ energy possessed by the molecules of the matter is due to its motion.**

- a. Potential                                      b. Kinetic                                      c. Sound                                      d. None of above

**Q. 9 Cell walls are not found in**

- a. Animals                                      b. Plants                                      c. Both of them

**Q. 10 If a car is moving with uniform speed in a circle then its velocity will be:**

- a. Uniform                                      b. Variable                                      c. Zero                                      d. None of the above

**Q. 11 \_\_\_\_\_ is the major component of plant cell wall.**

- a. Cellulose                                      b. Cholesterol                                      c. Chitin

**Q. 12 In NaCl the element Na is:**

- a. Reducing agent                                      b. Oxidizing agent                                      c. Polarizing agent

**Q. 13 Photosynthesis is \_\_\_\_\_ type of reaction.**

- a. Anabolic                                      b. Catabolic                                      c. None of these

<b>Q. 14</b>	<b>The motion of the string of a violin is:</b>		
a. Translatory	b. Vibratory	c. Rotatory	d. None of these
<b>Q. 15</b>	<b>Which one of these is inherited disease?</b>		
a. Malaria	b. Typhoid	c. Thalassemia	
<b>Q. 16</b>	<b>What will be the kinetic energy of a body if its mass is doubled?</b>		
a. Doubled	b. Four times	c. Eight times	d. Half
<b>Q. 17</b>	<b>A body moving in a straight line has a uniform motion if it travels _____ distance in equal time intervals.</b>		
a. Equal	b. Unequal		
<b>Q. 18</b>	<b>Change in the position of an object is:</b>		
a. Velocity	b. Displacement	c. Speed	d. Distance
<b>Q. 19</b>	<b>Increase in K.E is equal to:</b>		
a. Increase in P.E	b. Decrease in P.E	c. No effect	d. Both a & b
<b>Q. 20</b>	<b>A solid object is:</b>		
a. Not elastic below the elastic limit	b. Elastic above the elastic limit	c. Elastic below the elastic limit	d. None of above