Name: _____   Roll No. _____

SIDDEEQ PUBLIC SCHOOL

ENTRY TEST :45   **ENGLISH**   **MAX. MARKS: 20**   **ADMISSION TO CLASS:8**

Checked by	Srv #	Sign:	Rechecked by	Srv #	Sign:	Marks:

Q.1   (A)   Encircle the correct spelling.   **(0.5x2)**
- circuit   /   circiut   /   cirrcuit   /   circut
- chlorofyl   /   chlorophyll /   cholorophyll   /   cholorophyl

(B)   Provide meanings either in English or in Urdu.   **(0.5x4)**
- command _____   ▪ spy   _____
- admire   _____   ▪ aggressive _____

(C) Complete the columns.   **(0.5x6)**

Words	Opposites
follow	
	ceiling

Nouns	Verbs	Adjectives
sadness		
	create	

Q.2   Fill in the blanks with suitable <u>Articles</u> and <u>Prepositions</u>.   **(0.5x4)**

_____ global pandemic, COVID-19, enabled us _____ experience online learning. It was _____ amazing yet challenging experience _____ everyone.

Q.3   (A)   Complete each sentence by choosing the correct word.   **(1.0×3)**
- One of the students _____ just gone outside.   (have / must / has)
- None of the peas _____ left in the pot.   (will/ are / is)
- Doris _____ to us regularly.   (writes/ write / written)

(B)   Do as Directed.   **(1.0×3)**
- People speak English in the USA.   (Change into Passive Voice)
_____
- The players gathered for a match.   (Change into Future Perfect Tense)
_____
- She said, "I will submit my work tomorrow." (Change into Indirect Speech)
_____

Q.4   Make meaningful sentences of these Words.   **(1.0x3)**
- humid: _____
- fantastic: _____
- rapidly: _____

Q.5   Translate into English.   **(1.0x3)**

■   کیا سپاہی کے پاس تیز تلوار ہو گی؟

_____

■   سارا اور آپ ابھی میرے گھر آ رہی ہیں۔

_____

■   آپ میرے لیے ٹکٹ نہیں خرید رہے تھے۔

_____

SIDDEEQ PUBLIC SCHOOL

ENTRY TEST … **45**   **SCIENCE**   Max. Marks: **10**   ADMISSION to CLASS: **8**

Checked by	Srv #	Sign:	Rechecked by	Srv #	Sign:	Marks:

Objective

Q.1 Fill in the blanks.   (1.0×4)

(i)   Air sacs which are present at the end of each bronchiole are called _____.

(ii)   _____ rain occurs due to the toxic gases released from industries and vehicles.

(iii)   In the process of _____, the solution breaks up into its components on passing electric current.

(iv)   Air is a bad conductor of heat, but we can feel the warmth of Sun, this is due to the transfer of heat by _____.
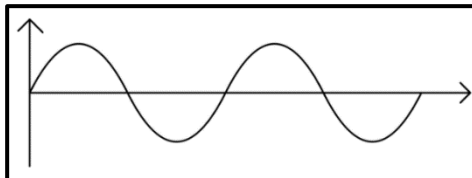
Short-Answer Questions   (*Best three will be considered.*)   (2.0×3)

Q.2 Answer the following questions.

(i)   **How the use of excess chemical fertilizers in fields causes water pollution?**

_____

_____

_____

_____

_____

(ii)   **What do you understand by the term 'wavelength'? Label the wavelength in the given figures of transverse and longitudinal waves.**

Wavelength: _____

_____

_____

(iii)   **Differentiate between self and cross pollination.**

SELF POLLINATION	CROSS POLLINATION
Difference	
Figure	

(iv)   **What are isotopes? Draw the figures for the isotopes of hydrogen.**

Use backside of the sheet to answer.

Name: _____   Roll No. _____

SIDDEEQ PUBLIC SCHOOL

ENTRY TEST … **45**   **MATHEMATICS**   Max. Marks: **20**   ADMISSION TO CLASS: **8**

Checked by	Srv #	Sign:	Rechecked by	Srv #	Sign:	Marks:

1. **Complete the following mathematical statements.** (1.0×4)

   (i) A set containing 3 elements has _____ subsets.

   (ii) The square of a proper fraction is always _____ than itself.   (Insert: less or greater)

   (iii) Multiplicative inverse of $\dfrac{1}{-5}$ is _____

   (iv) Simplified form of $(-x).(-x).(-x)$ is_____

2. **Simplify:** $(x + 2y)^2 - (x - 2y)^2$ (4.0)

   _____

   _____

   _____

   _____

   _____

   _____

3. **What length of the wire is required to fence the boundary of a square shaped park which has an area of 331.24 square metres ?**   (4.0)

   _____

   _____

   _____

   _____

   _____

   _____

4. **Find the solution of:** $\dfrac{1}{2}(x-1) + \dfrac{1}{3}(x+4) = \dfrac{1}{6}(x-2)$ (4.0)

   _____

   _____

   _____

   _____

   _____

   _____

   _____

5. **A contractor has 210 workers who can build a bridge in 90 days. Due to an emergency, he is asked to build the bridge in 70 days. How many more workers does he need now?**   (4.0)

(Use back of the sheet for Q.5)