Name: _____   Roll No. _____

SIDDEEQ PUBLIC SCHOOL

ENTRY TEST ... **48**	**ENGLISH**	ADMISSION to GRADE: **7**

Checked by (Service # & Initials)	Rechecked by (Service # & Initials)	Max. Marks	Marks Secured
		20	

Vocabulary

Q.1 (A)   Encircle the Correct Spellings.   (0.5x2)
- techneque   /   technique   /   technikue   /   tachnique
- permanent   /   perminent   /   permenent   /   parmanent

(B)   Provide Meanings of the following Words either in English or in Urdu. (0.5x 4)
- beneficial_____   ▪ wisdom   _____
- prevent _____   ▪ urgently   _____

(C)   Complete the Columns.   (0.5x6)

Words	Opposites
accurate	
selfish	

Nouns	Verbs	Adjectives
continuation		
		forgetful

Grammar

Q.2   Fill in the Blanks with suitable Articles and Prepositions.   (0.5×4)

_____ students were excited to walk _____ the bridge and _____ the

new building with _____ H-shaped corridor.

Q.3 (A)   Complete each Sentence by Choosing the Correct Word.   (1.0×3)

- I _____visiting my grandparents soon.   (was / have / will be)

- _____ he not sell his property two years ago?   (Did / Have / Had)

- My parents _____ in the same company.   (works / working / work)

(B)   Do as Directed.   (1.0×3)
- The woodcutter cut down the tree.   (Change into Passive Voice)
  _____

- The shepherd take his sheeps to the field.   (Correct the Sentence)
  _____

- He earns a six-figure salary.   (Change into Past Progressive)
  _____

Sentence Construction

Q.4   Make meaningful Sentences of the given Words.   (1.0x3)

- spill_____

- guidance_____

- accidently_____

Q.5   Translate into English.   (1.0x3)

■ آج استاد صاحب نیا سبق پڑھائیں گے۔

_____

■ آپ کے دوست روزانہ آپ کے گھرنہیں آتے ہیں۔

_____

■ دوگھنٹے پہلےابوجان اپنی گاڑی دھو رہے تھے۔

_____

1. (A) **Correct Spellings** ⌂ technique   ⌂ permanent

  (B) **Meanings**   ⌂ useful, helpful, فائدہ مند

              ⌂ intelligence, insight, حکمت, دانائی

              ⌂ avoid, stop , باز رکھنا

              ⌂ hastily, eagerly, فوری طور پر

  (C) **Opposites**   ⌂ inaccurate   ⌂ selfless

       Word Families ⌂ continue, continuous/continual   ⌂ forgetfulness, forget

2. **Articles and Prepositions**
The students were excited to walk **across** the bridge and **into** the new building with **an** H-shaped corridor.

3. (A) **Complete Sentences**
    ⌂ I **will be** visiting my grandparents soon.
    ⌂ **Did** he not sell his property two years ago?
    ⌂ My parents **work** in the same company.

  (B) **Do as Directed.**
    ⌂ The tree was cut down by the woodcutter.
    ⌂ The shepherd **takes** his **sheep** to the field.
    ⌂ He was earning a six-figure salary.

4. **Sentence Formation**
    ⌂ spill: verb   ⌂ guidance: noun   ⌂ accidently: adverb

5. **Translation**

    ⌂ Today, the teacher will teach a new lesson.
    ⌂ Your friends do not come to your house daily.
    ⌂ Two hours ago, father was washing his car.

SIDDEEQ PUBLIC SCHOOL

ENTRY TEST … **48**   **MATHEMATICS**   Max. Marks: **20**   ADMISSION to GRADE: **7**

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

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

   (i) Product of -5 and additive identity is _____.

   (ii) $(-4) \div (-4)$ _____ 16   (Insert**:** $>$ or $<$)

   (iii) The index notation for $3 \times 7 \times 3$ is _____

   (iv) If $y = 1.5$ *and* $x = 0.5$ then value of $(y - x)^3$ is _____

2. **Do as directed.**

   (i) Simplify 1.2 : 48   **(ii) Subtract (pq+2r-3) from (2r +3-pq)** (2.0×2)
       (Give your answer in lowest form)

3. **Simplify: 14 $\times$ ($\frac{12}{7} \div 8$) $- 2\frac{1}{6}$**   (4.0)

   _____

   _____

   _____

   _____

   _____

4. **The sum of 28 and two times of a number is 50. Find the number.**   (4.0)
                         (Write an equation for the given situation & find the solution)

   _____

   _____

   _____

   _____

   _____

5. **Sara wants to distribute 180 pens and 240 books equally among some children. If the same combination of both items is distributed among all the children, find the maximum possible number of children who can receive the items.**   (4.0)
                         (Use back of the sheet for Q#5)

1. (i) 0   (ii) <   (iii) $3^2 \times 7$ (iv) 1

2. (i) 1.2 : 48

$$= \frac{12}{10} : 48$$

$$= \frac{12}{\cancel{10}} \times \cancel{10} : 48 \times 10$$

$$= 12 : 480$$

$$= 1:40 \text{ (Simplest Form)}$$

(ii) Solution:

$$(2r+3-pq) - (pq+2r-3)$$

$$= \cancel{2r}+3-pq -pq-\cancel{2r}+3$$

$$= 0+6-2pq = 6-2pq$$

3. $14 \times \left(\dfrac{12}{7} \div 8\right) - \dfrac{13}{6}$

$$= 14 \times \left(\frac{\cancel{12}^{\,3}}{7} \times \frac{1}{\cancel{8}_{2}}\right) - \frac{13}{6} \qquad = 14 \times \left(\frac{3}{7} \times \frac{1}{2}\right) - \frac{13}{6}$$

$$= 14 \times \left(\frac{3}{14}\right) - \frac{13}{6} \qquad = \cancel{14} \times \frac{3}{\cancel{14}} - \frac{13}{6} \qquad = \frac{3\times6}{1\times6} - \frac{13}{6} = \frac{18}{6} - \frac{13}{6} = \frac{18-13}{6}$$

$$= \frac{5}{6}$$

4. Let the number be "*x*"

According to given condition
28+2x=50
2x = 50-28
2x= 22
$x = \dfrac{22}{2} = 11$
So, the number is 11.

5. *Maximum number of children who can receive the items = HCF of 180 & 240*

2	180
2	90
5	45
3	9
3	3
	1

2	240
2	120
2	60
2	30
3	15
5	5
	1

Prime Factorization of 180 = 2×2×5×3×3
Prime Factorization of 240= 2×2× 2×2×5×3
HCF = Product of common Factors
     = 2 × 2×3×5 = 60
Or
180 = $2^2 \times 5 \times 3^2$
240= $2^4 \times 5 \times 3$
HCF = $2^2 \times 3 \times 5 = 60$
Hence the maximum number of children who can receive the items = 60

SIDDEEQ PUBLIC SCHOOL

| ENTRY TEST … **48** | **SCIENCE** | Max. Marks: **10** | ADMISSION to CLASS: **7** |

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

Objective

Q.1   Fill in the blanks.   (1.0×4)

(i)   The cell organelle found in the green parts of the plant is known as _____, it contains the green pigment chlorophyll.

(ii)   _____ reproduction is also called vegetative propagation, as it involves the formation of new plants from vegetative parts of a plant.

(iii)   The solid particles which are left on the filter paper while filtration is called _____.

(iv)   Wind turbines convert wind into _____ energy.

Short-Answer Questions   **(Best <u>three</u> will be considered.)**   (2.0×3)

Q.2   Answer the following questions.

(i)   Write the function of the following in in the human digestive system.

a) Oesophagus: _____

_____

b) Mouth_____

_____

(ii)   Briefly explain the process of <u>diffusion</u> with the help of an example.

Process: _____

_____

_____

Example: _____
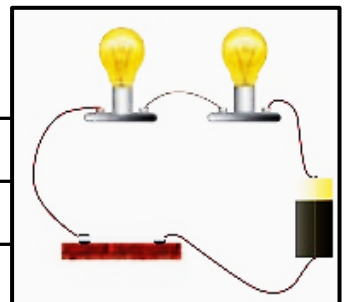
_____

_____

(iii)   Identify the gives circuit as series or parallel. Justify your answer.

_____ **circuit**

Justification: _____

_____

_____

_____

(iv)   What is an electromagnet? Write its two applications.
Electromagnet: _____

_____

_____

Application 1: _____

Application 2: _____

ADMISSION TEST TO GRADE: 7
SCIENCE
KEY

Q.1 Fill in the blanks.

   (i)   chloroplast   (ii)   asexual   (iii)   residue   (iv)   electrical

Q.2 Answer the following questions.

   (i)   Oesophagus: Smooth muscles in the wall of oesophagus contract and push the food towards stomach.
Mouth: Physical digestion takes place with the help of teeth and tongue. Chemical digestion takes place by the action of enzymes of saliva.

   (ii)   The phenomenon of particles moving from an area of high concentration to low concentration is called diffusion.

        Example: Aroma of food fades as we move away from the place where it is cooked. A drop of dye diffuses evenly after sometime.

   (iii)   Series circuit
As there is only one path through which charges can flow.

   (iv)   The type of magnet in which the magnetic field is produced by an electric current. The magnetic field disappears when the current is turned off.

        Applications: Motors & generators; electric bells; maglev train; lifting magnets; headphones; loudspeakers; transformers; musical instruments; mobile phones. *(any two)*