Name: _____   Roll No. _____

SIDDEEQ PUBLIC SCHOOL

ENTRY TEST: 46   **ENGLISH**   **MAX. MARKS: 20**   **ADMISSION TO CLASS:6**

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

Q.1   (A)   Encircle the correct spelling.   **(0.5x2)**

- geomatry   /   goemetry   /   geometry   /   goemetery

- prestigious   /   prestegous   /   prestigous   /   prestegious

(B)   Provide meanings either in English or in Urdu.   **(0.5x4)**

- plenty   _____   ▪ vicious   _____

- curiously   _____   ▪ repair   _____

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

Words	Opposites
temporary	
	rapid

Present	Past	Past Participle
	beat	
		echoed

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

Our cricket team is one of _____ best teams _____ the world. However,

_____ couple of times, our players disappointed us _____ their performance.

Q.3   (A)   Complete each sentence by choosing the correct word.   **(1.0×3)**
- When _____ the leaders gather for the meeting?   (do/ does / was)
- Both Mark and Sammy _____ the keys of this drawer.   (has/ have / is)
- The tailor has _____ the shirt neatly.   (sew/ sewn/ sewing)

(B)   Do as Directed.   **(1.0×3)**
- He has not done his work.   (Change into Simple Past Tense)

    _____

- That goose was going to the roof.   (Change into a Plural Sentence)

    _____

- A pair of trousers are all he have got from the market.   (Correct the Sentence)

    _____

Q.4   Identify the Part of Speech of the Underlined Word.   **(1.0×3)**

- <u>**None**</u> of the dogs has escaped.   _____

- This <u>**leather**</u> bag is very precious.   _____

- He was tired, <u>**so**</u> he slept early.   _____

Q.5   Make meaningful sentences of these words: **(1.0x3)**

- realize: _____

- guilty: _____

- extremely: _____

Answer Key to Class: 6

ENGLISH

1.   (A)   **Correct Spelling**   ⌂ geometry   ⌂ prestigious

    (B)   **Meanings**

⌂ enough, much   کافی

⌂ evil, cruel   ظالم، خوفناک

⌂ weirdly, oddly, specially   تجسس سے، دلچسپی سے

⌂ mend, fix   مرمت کرنا، ٹھیک کرنا

    (C)   **Opposites**   ⌂ permanent, lasting   ⌂ slow, delayed

         Forms of verbs   ⌂ beat, beat, beaten/ beat ⌂ echo, echoed, echoed

2.   **Articles and Prepositions**

Our cricket team is one of **the** best teams **of** the world. However, **a** couple of times, our players disappointed us **with** their performance.

3. (A)   Complete Sentences

⌂ When **do** the leaders gather for the meeting?

⌂ Both Mark and Sammy **have** the keys of this drawer.

⌂ The tailor has **sewn** the shirt neatly.

  (B)   Do as Directed.

⌂ He did not do his work.

⌂ **Those geese were** going to the **roofs.**

⌂ A pair of trousers **is** all he **has** got from the market.

4.   **Identify the Part of Speech**

⌂ None: Pronoun   ⌂ leather: adjective   ⌂ so: conjunction

5.   **Sentence Construction**

⌂ realize   ⌂ guilty   ⌂ extremely

Name: _____   Roll No. _____

SIDDEEQ PUBLIC SCHOOL

ENTRY TEST … **46**   **MATHEMATICS** Max. Marks: **20**   ADMISSION TO CLASS: **6**

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

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

   i.   The greatest common factor of   2×7 and 5×7 is _____ .

   ii.   _____ should be added in 5.99 to get 6.

   iii.   The price of six oranges is Rs 125 then price of one dozen oranges is _____.

   iv.   The average of first 3 composite numbers is _____.

2. **Do as directed:** (2.0×2)

(i)Subtract **99**km **855** m from **111** km **687**m.	(ii) **Solve:** $3 + \frac{1}{3} + 1\frac{1}{5}$ *Give your answer in lowest form*

3. **Ali wakes up at 7 a.m. and spends 10 minutes to iron his clothes & 30 minutes to take breakfast. If he reaches his work place at 8:30 a.m, how much time has he spent in travelling after getting ready?**   (4.0)

   _____

   _____

   _____

   _____

   _____

4. **Sara went to a stationery shop to buy equal number of pencils and pens. The pencils are available in packing of 18 and pens are available in packing of 12. What is the minimum number of packs of pencils and pens, she can buy ?**   (4.0)

   _____

   _____

   _____

   _____

   _____

5. **A bag contains 40kg of rice. If Sara uses $\frac{1}{4}$ of rice for one recipe and 60% rice for the other recipe. (a) How much quantity of rice will she use for both recipes. (b) What quantity of rice is left in the bag?**   (4.0)

   .   *(Use back of the sheet for Q5)*

MATHEMATICS-6

Answer Key: 6

1. (i) 7   **(ii)** 0.01   **(iii)** Rs 250   **(iv)** 6

2. (i)

$$\begin{array}{ccc} km & {}_{+1000} & m \\ 110 & & \\ \overset{111}{\cancel{111}} & & 1687 \\ -99 & & 855 \\ \hline 11 & & 832 \end{array}$$

Difference: 11km 832m

(ii) Method 1:

$$3+\frac{1}{3}+1\frac{1}{5}$$
$$= (3+1) + \left(\frac{1}{3}+\frac{1}{5}\right)$$
$$= 4 + \left(\frac{5}{15}+\frac{3}{15}\right)$$
$$= 4 + \left(\frac{8}{15}\right) = 4\frac{8}{15}$$

Method 2:

$$\frac{3}{1}+\frac{1}{3}+\frac{6}{5}$$
$$= \frac{45}{15}+\frac{5}{15}+\frac{18}{15}$$
$$= \frac{68}{15}$$
$$= 4\frac{8}{15}$$

3. Method 1:

Time taken to get ready= 10 + 30 = 40minutes

Time after 40minutes is 7:40 a.m.
Time spent in travelling = 08 30 − 07 40
                 = 00 50 minutes

hr	min
8	30
-7	40

$$\begin{array}{ccc} hr & {}^{1hour} & min \\ 7\cancel{8} & & (30+60)= 90 \\ -7 & & 40 \\ \hline 0 & & 50 \end{array}$$

Method 2:
Duration between 7:00a.m. to 8:30a.m. is 90minutes (60minutes+30minutes)
Time spent in travelling = 90minutes − 40minutes
                     = 50minutes

4. Method 1:

Multiples of 18: 18 , 36 , 54 , 72 , 90, …
Multiples of 12: 12 , 24 , 36, 48 , 60 , 72, …
Common multiples: 36 , 72, …

LCM of 18 and 12 is 36

Packs of pencils: 36÷18=2pencils
Packs of pens: 36÷12=3pens

So, She will buy 2packs of pencils and 3 packs of pens.

Method 2:

$$18 = 2\times3\times3$$
$$12 = 2\times2\times3$$

LCM= Product of common & uncommon factors
    = $2\times3\times2\times3 = 36$

LCM of 18 and 12 is 36
Packs of pencils: 36÷18=2pencils
Packs of pens: 36÷12=3pens

So, She will buy 2packs of pencils and 3 packs of pens.

$$\begin{array}{c|c} 2 & 18 \\ 3 & 9 \\ \hline & 3 \end{array} \qquad \begin{array}{c|c} 2 & 12 \\ 2 & 6 \\ \hline & 3 \end{array}$$

Method 3:

LCM= Product of common & uncommon factors
    = $2\times3\times2\times3 = 36$
LCM of 18 and 12 is 36
Packs of pencils: 36÷18=2pencils
Packs of pens: 36÷12=3pens
So, She will buy 2packs of pencils and 3 packs of pens.

$$\begin{array}{c|c} 2 & 18 , 12 \\ 3 & 9 , 6 \\ \hline & 3 , 2 \end{array}$$

5. Method 1:

Total quantity of Rice = 40kg
Quantity of rice used for one recipe= $\frac{1}{4} \times 40$
                         = 10kg
Quantity of rice used for other recipe= 60% of 40
                 = $\frac{60}{100} \times 40$
                 = 24kg
(a) Total quantity used for both recipes=10+24
                 = 34kg
(b) Quantity of rice left = 40kg − 34kg = 6kg

Method 2:

Percentage of Rice used for one recipe = $\frac{1}{4} \times 100\%$
                 = 25%
Percentage of Rice used for both recipes = 25%+60%
                 = 85%
(a) Quantity of rice used for both recipes= 85% of 40kg
                 = $\frac{85}{100} \times 40$
                 = 34kg
(b) Quantity of rice left = 40kg − 34kg = 6kg

SIDDEEQ PUBLIC SCHOOL

<u>ENTRY TEST</u> … **46**   **<u>SCIENCE</u>**   <u>Max. Marks:</u> **10**   <u>ADMISSION to CLASS:</u> **6**

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

Objective

Q.1   Fill in the blanks.   (1.0×4)

(i)   _____ are the harmful microorganisms which can reproduce only within an organism.

(ii)   _____ is the female reproductive part of a flower which consists of stigma, style and ovary.

(iii)   Expansion of a metal on heating is an example of a _____ change.

(iv)   Bulb, switch, wires and _____ are the basic components of an electric circuit.

Short-Answer Questions   (***Best <u>three</u> will be considered.***)   (2.0×3)
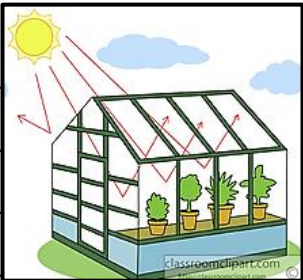
Q.2   Answer the following questions.

(i)   **What are translucent objects? Write the names of any <u>two</u> translucent objects.**

Translucent objects: _____

_____

_____

_____

Examples: _____   _____

(ii)   **Complete the following table.**

Characteristic	Fishes	Mammals	Reptiles	Amphibians
Type of skin				

(iii)   **How does the greenhouse remain warm even in winters and help in the growth of plants inside them?**

_____

_____

_____

_____

_____

(iv)   **What is the role of microorganisms in increasing the fertility of the soil?**

_____

_____

_____

_____

_____

ADMISSION TEST TO CLASS: 6
SCIENCE
KEY

Q.1 Fill in the blanks.

(i)   virus   (ii)   carpel   (iii)   physical   (iv)   battery

Q.2 Answer the following questions.

(i)   The objects through which light can pass partially. We cannot see clearly through them only a faint image of the object is seen.
Tissue paper; sun glasses; wax paper.

(ii)

Characteristic	Fishes	Mammals	Reptiles	Amphibians
Type of skin	Scaly	Have hair or fur	Thick, coarse and dry	Moist and loose

(iii)   The Sun rays enter in the greenhouse through its glasses. These rays produce heat inside. The heat cannot go out of the glass of greenhouse and as a result the inner atmosphere remains hot and the plants can grow well.

(iv)   The complex matter present in the dead bodies of plants and animals breaks into simple components by the microorganisms. These simple components are used by plants for their growth.