Name: _____   Roll No. _____

SIDDEEQ PUBLIC SCHOOL

ENTRY TEST ... **48**	**ENGLISH**	ADMISSION to GRADE: **6**	
Checked by (Service #& Initials)	Rechecked by (Service #& Initials)	Max. Marks	Marks Secured
		20	

Q.1   (A)   Encircle the Correct Spellings.   (0.5x2)

- summarize / summaraise / summerize / sumarize
- securety / sacurity / seceurity / security

(B)   Provide Meanings of the following Words either in English or in Urdu.

(0.5x4)

- exactly _____   ▪ pleasant _____
- defect _____   ▪ vacation _____

(C)   Complete the Columns.   (0.5x6)

Words	Opposites
use	
scatter	

Present	Past	Past Participle
tear		
	chose	

Q.2   (A)   Fill in the Blanks with suitable Articles and Prepositions.   (0.5x4)

Yesterday, I saw _____ indigo-coloured bird which flew _____ the house and landed _____ the roof next to _____ chimney of my kitchen.

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

- _____ you bind your notebook a day before?   (Do / Has / Did)
- Both the trains will not _____the station at 10 a.m.(leave / leaving/ left)
- My brother _____ looking for a job these days.   (were / will / is)

Q.3   Identify the Part of Speech of the Underlined Words.   (1.0x3)

- **Luckily**, they won the race.   _____

- You should **follow** the rules.   _____

- There is an **international** airport ahead.   _____

Q.4   Do as Directed.   (1.0×3)
- The boy never gets late for his school.   (Change into Past Indefinite)

_____

- A thief was hiding behind a bush.   (Change into a Plural Sentence)

_____

- The mans tie was loose.   (Correct the Sentence)

_____

Q.5   Make Meaningful Sentences of the given Words.   (1.0x3)

- tackle:_____

- difference:_____

- obediently:_____

Answer Key E.T 48
Class: 6

ENGLISH

1. (A) **Correct Spelling**
    - ♟ summarize
    - ♟ security

    (B) **Meanings**
    - ♟ precisely, completely بالکل
    - ♟ fault, flaw عیب
    - ♟ enjoyable, attractive خوشگوار
    - ♟ holiday, break, leave چھٹی

    (C) **Opposites**
    - ♟ misuse, save
    - ♟ assemble, gather

    Forms of verbs
    - ♟ tear, tore, torn
    - ♟ choose, chose, chosen

2. (A) Articles and Prepositions

Yesterday, I saw **an** Indigo-coloured bird which flew **over** the house and landed **on** the roof next to **the** chimney of my kitchen.

(B) Complete Sentences

- ♟ **Did** you bind your notebook a day before?
- ♟ Both the trains will not **leave** the station at 10 a.m.
- ♟ My brother **is** looking for a job these days.

3. Identify the Part of Speech
- ♟ Luckily: adverb
- ♟ follow: verb
- ♟ international: adjective

4. Do as Directed.
- ♟ The boy never got late for his school.
- ♟ **Thieves were** hiding behind **bushes.**
- ♟ The **man's** tie was loose.

5. Sentence Construction
- ♟ difference (n)
- ♟ obediently (adv)
- ♟ tackle (v)

SIDDEEQ PUBLIC SCHOOL

<u>ENTRY TEST … **48**</u>   **MATHEMATICS** <u>Max. Marks: **20**</u>   <u>ADMISSION to GRADE: **6**</u>

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

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

   (i)   50% of 10 is _____ .

   (ii)   If we subtract 0.5 from $\frac{1}{2}$, the answer is _____ .

   (iii)   Product of one million and zero is _____ .

   (iv)   ____ is the smallest natural number which should be added to 9 to get a prime number.

2. Do as directed. (2.0×2)

   (i) Solve: $5\frac{1}{3} \div \frac{4}{9}$ **(ii) Find the sum of 8 numbers if their average is 6.25**
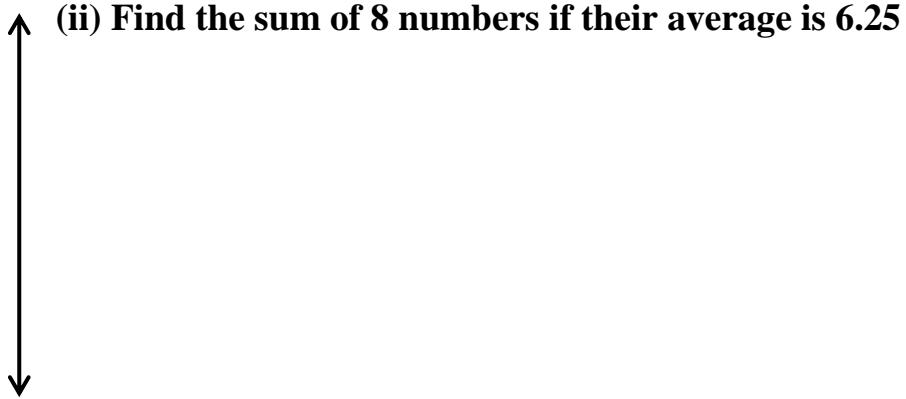
3. Do the prime factorization of 84 , 48 & 24. Also find their highest common factor. (4.0)

   _____

   _____

   _____

   _____

   _____

4. The shopkeeper has a ribbon of length 22.5 m. He cuts the ribbon into 5 equal pieces.
   (a) Find the length of each piece of ribbon.
   (b) Find the cost of all pieces of ribbon, if the price of each piece is Rs 100.   (4.0)

   _____

   _____

   _____

   _____

   _____

5. A man received a salary of Rs 50 000. He saved Rs 15 000 from it. What percentage
   of salary did he spend?   (4.0)
                        (Use back of the sheet for Q#5)

1. (i) 5   (ii) 0   (iii) 0   (iv) 2

2. (i) $5\frac{1}{3} \div \frac{4}{9}$

$= \frac{16}{3} \div \frac{4}{9}$

$= \frac{\cancel{16}^4}{3} \times \frac{9}{\cancel{4}^1}$

$= \frac{4}{\cancel{3}^1} \times \frac{\cancel{9}^3}{1}$

$= 12$

(ii) Sum of numbers = Average $\times$ number of terms

$= 6.25 \times 8$

$= 50$

3.


```
2 | 84      2 | 48      2 | 24
2 | 42      2 | 24      2 | 12
3 | 21      2 | 12      2 | 6
  | 7       2 | 6         | 3
            2 | 3
```

Prime factorization of:

84 = 2×2×3×7

48 = 2×2×2×2×3

24 = 2×2×2×3

HCF = Product of common factors

$= 2 \times 2 \times 3$

$= 12$

4.   (a) Length of each piece of ribbon = 22.5 ÷ 5

$= 4.5m$

(b) Cost of one piece = Rs 100

Cost of 5 pieces = Rs 100 × 5 = Rs 500

5.

Method I

Total amount of salary = Rs 50 000

Amount spent = Rs 50 000 – Rs 15 000

$= Rs\ 35\ 000$

Percentage of amount spent $= \frac{35\ 000}{50\ 000} \times 100\%$

$= \frac{7}{10} \times 100\%$

$= 70\ \%$

Method II

Percentage of saving $= \frac{15\ 000}{50\ 000} \times 100\%$

$= \frac{3}{10} \times 100\%$

$= 30\ \%$

Percentage of amount spent = 100% - 30%

$= 70\%$

Name: _____   Roll No. _____

SIDDEEQ PUBLIC SCHOOL

ENTRY TEST … **48**   **SCIENCE**   Max. Marks: **10**   ADMISSION to CLASS: **6**

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

Objective

Q.1   Fill in the blanks.   (1.0×4)

(i) The blood vessels in which the blood flows from the body towards the heart are called _____.

(ii) Consider that deer is killed and eaten by a lion. In this example _____ is the predator.

(iii) Sound cannot travel through space because in space there are no _____.

(iv) _____ is used in an electric circuit to control the flow of current.

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

Q.2   Answer the following questions.

(i) **Write any two characteristic features of virus.**

- _____
_____
- _____
_____

(ii) **Is melting a physical or a chemical change? Justify your answer.**

Type of change: _____

Justification: _____
_____
_____

(iii) **Write the names of three types of soil. Write any one property of each.**

TYPES OF SOIL		
Property		

(iv) **Observe the given food chain. Identify the herbivore and carnivore. Justify your answer.**

Trees   Deer   Lion

Herbivore: _____

Justification: _____
_____
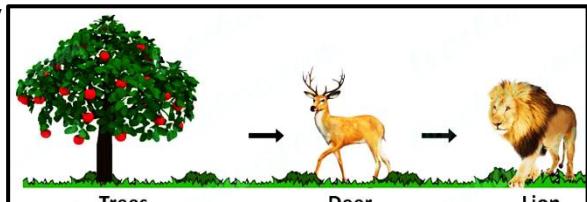
Carnivore: _____

Justification: _____
_____

ADMISSION TEST TO GRADE: 6
SCIENCE
KEY

Q.1 Fill in the blanks.

(i)   veins   (ii)   lion   (iii)   particles   (iv)   switch

Q.2 Answer the following questions.

(i)   (Any two)
- Viruses are very tiny infectious particles, they cause diseases in human beings, animals and plants.
- They are the link between living and non-living things.
- They can reproduce only within an organism.
- Out of the body of an organism they are non-living.

(ii)   Physical change
Composition remains the same as no new substance is formed. Only phase change is taking place.

(iii)

TYPES OF SOIL		
Clay	**Sand**	**Silt**
Property (one each)		
• Small in size, • Soft, sticky and brownish in colour • Hard when dry. • Wet clay can be moulded into any shape.	• Large in size. • Grey in colour, light in weight, • water is drained rapidly	• Useful for gardening, growth of plants and crops. • Texture is smooth and silky. • Can hold more water than sandy soil. • Holds plant roots strongly.

(iv)   Herbivore: Deer
Deer eats plants and the animals which feed on plants are called herbivores.

Carnivore: Lion
Lion can eat deer and the animals which eat other animals are called carnivores

SIDDEEQ PUBLIC SCHOOL

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

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

Vocabulary

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		Present	Past	Past Participle
temporary				beat	
	rapid				echoed

Grammar

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.   _____

Sentence Construction

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،دلچپی 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)**

km	+1000	m
110		
111		1687
- 99		855
11		832

Difference: 11km 832m

(ii) Method 1:

$$3+\frac{1}{3} + 1\frac{1}{5}$$

$$= (3+1) + (\frac{1}{3} + \frac{1}{5})$$

$$= 4 + (\frac{5}{15} + \frac{3}{15})$$

$$= 4 + (\frac{8}{15}) = 4\frac{8}{15}$$

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

hr	1hour	min
7 8		(30+60)= 90
- 7		40
0		50
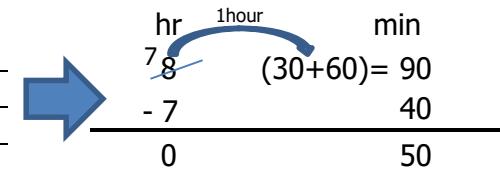
Method 2:
Duration between 7:00a.m. to 8:30a.m. is 90minutes (60minutes+30minutes)
Time spent in travelling = 90minutes – 40minutes
= 50minutes

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:

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

2	18
3	9
	3

2	12
2	6
	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.

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.

2	18 , 12
3	9 , 6
	3 , 2

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

Name: _____   Roll No. _____

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?**

_____

_____

_____

_____

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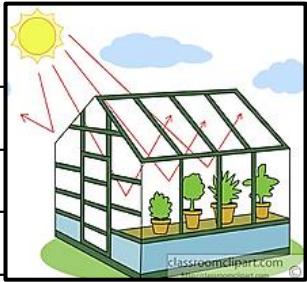
(iv)   **What is the role of microorganisms in increasing the fertility of the soil?**

_____

_____

_____

_____

_____

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.