

SIDDEEQ PUBLIC SCHOOLENTRY TEST ... **48****ENGLISH**ADMISSION to GRADE: **6**

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

Vocabulary

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

- summarize / summarise / summerize / summarize
- security / sacurity / seceurity / security

(B) Provide Meanings of the following Words either in English or in Urdu. (0.5x4)

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

(C) Complete the Columns. (0.5x6)

Words	Opposites
use	
scatter	

Present	Past	Past Participle
tear		
	chose	

Grammar

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. (1.0x3)

- _____ 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. (1.0x3)

- 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)

Sentence Construction

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) □

Name: _____

Roll No. _____

SIDDEEQ PUBLIC SCHOOL

ENTRY TEST ... 48

MATHEMATICS Max. Marks: 20

ADMISSION to GRADE: 6

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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)

SIDDEEQ PUBLIC SCHOOL

Answer key

Admission to Grade: 6

Mathematics

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

$$\begin{aligned} 2. \text{ (i)} \quad & 5 \frac{1}{3} \div \frac{4}{9} \\ & = \frac{16}{3} \div \frac{4}{9} \\ & = \frac{\cancel{16}^4}{3} \times \frac{9}{\cancel{4}_1} \\ & = \frac{\cancel{3}^1}{3} \times \frac{9}{\cancel{1}_1} \\ & = 12 \end{aligned}$$

$$\begin{aligned} \text{(ii) Sum of numbers} &= \text{Average} \times \text{number of terms} \\ &= 6.25 \times 8 \\ &= 50 \end{aligned}$$

3.

$$\begin{array}{r|l} 2 & 84 \\ \hline 2 & 42 \\ \hline 3 & 21 \\ \hline & 7 \end{array} \quad \begin{array}{r|l} 2 & 48 \\ \hline 2 & 24 \\ \hline 2 & 12 \\ \hline 2 & 6 \\ \hline & 3 \end{array} \quad \begin{array}{r|l} 2 & 24 \\ \hline 2 & 12 \\ \hline 2 & 6 \\ \hline & 3 \end{array}$$

Prime factorization of:

$$\begin{aligned} 84 &= 2 \times 2 \times 3 \times 7 \\ 48 &= 2 \times 2 \times 2 \times 2 \times 3 \\ 24 &= 2 \times 2 \times 2 \times 3 \end{aligned}$$

$$\begin{aligned} \text{HCF} &= \text{Product of common factors} \\ &= 2 \times 2 \times 3 \\ &= 12 \end{aligned}$$

4. (a) Length of each piece of ribbon = $22.5 \div 5$
= 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

$$\begin{aligned} \text{Percentage of amount spent} &= \frac{35\,000}{50\,000} \times 100\% \\ &= \frac{7}{10} \times 100\% \\ &= 70\% \end{aligned}$$

Method II

$$\begin{aligned} \text{Percentage of saving} &= \frac{15\,000}{50\,000} \times 100\% \\ &= \frac{3}{10} \times 100\% \\ &= 30\% \end{aligned}$$

$$\begin{aligned} \text{Percentage of amount spent} &= 100\% - 30\% \\ &= 70\% \end{aligned}$$

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ENTRY TEST ... 48

SCIENCE

Max. Marks: 10

ADMISSION to CLASS: 6

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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.

- _____
- _____

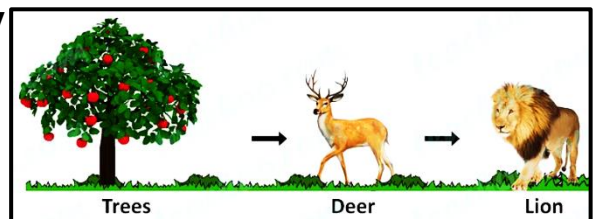
(ii) Is melting a physical or a chemical change? Justify your answer.

Type of change: _____
Justification: _____

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

<i>TYPES OF SOIL</i>		
<i>Property</i>		

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



Herbivore: _____

Justification: _____

Carnivore: _____

Justification: _____

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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)

<i>TYPES OF SOIL</i>		
Clay	Sand	Silt
<i>Property (one each)</i>		
<ul style="list-style-type: none"> • Small in size, • Soft, sticky and brownish in colour • Hard when dry. • Wet clay can be moulded into any shape. 	<ul style="list-style-type: none"> • Large in size. • Grey in colour, light in weight, • water is drained rapidly 	<ul style="list-style-type: none"> • 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