SIDDEEQ PUBLIC SCHOOL ENGLISH Checked by (Service # & Initials) Checked by (Service # & Initials Propropriate Checked by (Service # & Initials	Name:								
Checked by (Service # & Initials) Rechecked by (Service # & Initials) Max. Marks Marks Secured 35				<u>SIDI</u>	_			="	
Vocabulary Q.1 (A) Encircle the Correct Spellings.				nitials) Rocho					
Q.1 (A) Encircle the Correct Spellings. (0.5x2) equivalent / equivalant / equivelent / equevalent apropriate / appropriate / appropriate / appropriate (B) Provide Meanings of the following Words either in English or in Urdu. (1.0x3) unexpectedly fortunate display (C) Complete the Columns. (1.0x4) Words Opposites reveal follow following explanation explanatory (D) Choose the Correct Word given in brackets to Complete each Sentence. (0.5x4) After holding her for a few seconds, she finally began to again. (breathe, breath) The of the institute approved the design of the building based on the of energy efficiency. (principal, principle) Grammar Q.2 (A) Fill in the Blanks by Choosing the Correct Options from the brackets. (1.0x7) Fast food for a few seconds, she finally began to design of the building based on the foreign energy efficiency. (principal, principle) Grammar Q.5 (A) Fill in the Blanks by Choosing the Correct Options from the brackets. (1.0x7) Fast food for a few seconds, (plays/ playing, play) Tears down her cheeks when she saw an injured baby. (roll / rolled, rolls) The kids jumped the fence and ran the playground. (over/ after / into / on) it was raining, I went outside played soccer. (although / and / so / because)	Check	ed by (S	service # & I	niuais) Reche	cked by (S	ervi	ce # & Initials)		Marks Secured
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(1.0x3) Unexpectedly fortunate display		•	apropriate	e / appo	rpriate	/	appropraite	e / a	ppropriate
(C) Complete the Columns. (1.0x4) Words Opposites Feveal Gollow Following Explanation Explanatory		(B)	Provide M	leanings of	the follo	win	g Words eit	her in Englis	
Nouns Verbs Adjectives reveal		un	expectedly		fortuna	te		display	
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it was raining, I went outside played soccer. (although / and / so / because)			,	•					
(although / and / so / because)				it was ra	inina, I w	ent	outside	•	•
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(a / an / the)

Name:	<u></u>	Roll No
(B)	Do as Directed.	(1.5×4)
	Did Cheetahs run very fast?	(Change into affirmative)
	 The sun shines brightly. 	(Change into Present Progressive)
	 The carpenter was building the desk. 	(Change into Passive Voice)
	They said to us," We will arrive a little late	e." (Change into Indirect Speech)
Sen	tence Construction	
Q.3	Make Meaningful Sentences of the given \	Nords. (1.5×2)
	obviously	
	educate	
Q.4	Translate into English.	(1.5×2)
	بیچ رہا تھا۔	■ غریب آدمی سڑک کے کنا رے سبزی
	نہیں لونگا۔	اس بار میں تقریری مقابلے میں حصہ
Q.5	Compose a Paragraph of Six Sentences on	"My Hobby". (6.0)
_		

Entry Test 48

Answer Key to Class: 8

ENGLISH

Q1. A) Correct Spelling	Δ	equivalent	🕰 арр	ropriate
B) Words/Meanings				
	Δ	unexpectedly: suddenly, s	پر urprisingly	غير متوقع طور
	Δ	fortunate: lucky, blessed	فسمت, خوش نصيب	خوش
	Δ	display: show, exhibit	نمائش كرنا	
C) Words/Opposites				
	Δ	reveal: conceal, hide		
	Δ	approval: disapproval, der	iial, refusal	
C) Word Families	Δ	follower <u>a</u> ex	plain	
D) Commonly Confused Wo	ords	🕰 breath, bro	eathe	principal, principle
Q2: (A) Choose the correct opt	ion			
	Δ	Is		
	Δ	Does		
	Δ	Play		
	Δ	Rolled		
	Δ	Over, into		
	Δ	Although, and		
	Δ	A, an		
(B) Do as directed.				
	Δ	Cheetahs ran very fast.		
		The sun is shining brightly.		
	Δ	The desk was being built b	y the carpenter.	
	Δ	They told us that they wou	ıld arrive a little la	ite.
Q3: Sentence formation				
		Obviously (adverb)		
	Δ	Educate (verb)		
Q4: Translation				
	Δ	The/A poor man was selling	ng vegetables besi	de the road.
	Δ	I will not participate in the	speech contest/c	competition this time.
Q5. Paragraph				
	Δ	My Hobby		

Name:			Roll	No	
	SIDD	EEQ PUBLIC SO	CHOOL		
<u>ENTRY TEST 48</u>	MATHEMA	TICS Max. Ma	<u>rks:35</u>	ADMISSION	to GRADE: 8
Checked by Srv #	Sign:	Rechecked by	Srv #	Sign:	Marks:
1. Complete the follo	owing mathema	tical statements.			(1.0×4)
(i) Irrational num					
(ii) If $(A + \frac{3}{4}) = ($	$(B + \frac{1}{3})$ shows	commutative law	then A= _	and B=	
(iii)	should be	added in $x^2 + 3x + 3$	1 to get 3.	x+1.	
(iv) If P={ } & ($Q = \{ 1 \} \text{ then P} \cap$	Q =			
2. Verify the associ	ative property:	$\frac{5}{2} \times (\frac{-2}{2} \times 1)$	$\frac{3}{2}$) = ($\frac{5}{} \times \frac{-2}{}$) ×	$1\frac{3}{40}$ (4.0)
					
3. If L= Set of first then find L-M	_	s of 2 & M= Set	t of all pos	sible factors o	(4.0)
4. Evaluate: $\sqrt{\frac{529}{3025}}$. (4	↑ 1. 1. 1. 1. 1. 1. 1. 1.	rize: 16a	$a^2 + \frac{8}{3}ab + \frac{1}{9}b$	2 (4.0)
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,		_ !			
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		1			

me:	Roll No
Ali is 10 years younger than Saad. After 2 y Ali's age. Find the present age of Saad. (Write an equation for the g	ears, Saad's age will be 3 times of (5.0) iven situation & find the solution)
A student can read 8 pages of a book in 24 m he take to read 45 pages?	ninutes. At the same rate, how long will (5.0)
The diameter of a circular pool is 28m. Find Rs 200/m ² . ($\pi \approx \frac{22}{r}$ or 3.14	
	Ali's age. Find the present age of Saad. (Write an equation for the g

SIDDEEQ PUBLIC SCHOOL

Answer key

Admission to Grade: 8

Mathematics

1. (i) non-recurring / non repeating (ii) $A = \frac{1}{3} \& B = \frac{3}{4}$ (iii) $-x^2$ (iv) $P \cap Q = \{ \} \text{ or } \emptyset$

2. L.H.S:
$$\frac{5}{12} \times (\frac{-2}{5} \times 1\frac{3}{10})$$

$$= \frac{5}{12} \times (\frac{-2}{5} \times \frac{13}{10})$$

$$= \frac{5}{12} \times (\frac{-1}{5} \times \frac{13}{5})$$

$$= \frac{5}{12} \times (\frac{-1}{5} \times \frac{13}{5})$$

$$= \frac{5}{12} \times \frac{-13}{255} = \frac{-13}{60}$$
As I. H.S. = R.H.S. $(\frac{5}{12} \times \frac{-2}{5}) \times 1\frac{3}{10}$

$$= (\frac{1}{6} \times \frac{-1}{1}) \times \frac{13}{10}$$

$$= \frac{-1}{6} \times \frac{13}{10} = \frac{-13}{60}$$

As L.H.S = R.H.S so
$$\frac{5}{12} \times (\frac{-2}{5} \times 1\frac{3}{10}) = (\frac{5}{12} \times \frac{-2}{5}) \times 1\frac{3}{10}$$

4.
$$\sqrt{\frac{529}{3025}}$$
 = $\frac{\sqrt{529}}{\sqrt{3025}}$ = $\frac{\sqrt{23\times23}}{\sqrt{5\times5\times11\times11}}$ = $\frac{\sqrt{23^2}}{\sqrt{5^2\times11^2}}$ = $\frac{23}{\sqrt{(5\times11)^2}}$ = $\frac{23}{55}$

5.
$$16a^2 + \frac{8}{3}ab + \frac{1}{9}b^2 = (4a)^2 + 2(4a)(\frac{1}{3}b) + (\frac{1}{3}b)^2 = (4a + \frac{1}{3}b)^2$$
 As $(a+b)^2 = (a^2 + 2ab + b^2)$

6. Let Saad's present age = x, Ali's present age = x - 10

Ages after 2 years : Saad's age = x+2 , Ali's age = x-10+2=x-8

According to given condition : x+2 = 3(x-8)

$$x + 2 = 3x - 24$$

$$2 + 24 = 3x - x$$

$$26 = 2x$$

$$\frac{26}{2} = 2x \qquad \text{so } 13 = x$$

So Saad's present age is 13 years.

Let required time to read 45 pages is *x*. 7.

pages Time (minutes)
$$\begin{array}{ccc}
8 & 24 \\
45 & x
\end{array}$$
Direct proportion

 $45 \times 24 = 8x$ (Product of extremes = product of means) 1080 = 8x

$$\frac{1080}{8} = x$$

$$135 = x$$

So he will take 135 minutes to read 45 pages.

8. d= 28m ,
$$r = \frac{d}{2} = \frac{28}{2} = 14m$$

Area of floor of pool = $\pi r^2 = \frac{22}{7} \times (14\text{m})^2 = \frac{22}{7} \times 196\text{m}^2 = 22 \times 28\text{m}^2 = 616\text{m}^2$

Cost of tiling $1m^2 = Rs 200$

Cost of tiling $616m^2 = Rs \ 200 \times 616 = Rs \ 123200$

So cost of tiling the floor is Rs 123200.

Name	:								Roll No			
						DEEQ PUB						
<u>EN'</u>	TRY T	EST .	48	SCII	ENCE	<u>Max</u>	x. Marks:	30	ADMI	SSION	I to CLA	<u>ASS: 8</u>
Ch	ecked by	Srv	#	Sign:		Rechecked b	y Srv #		Sign:		Marks:	
					ver w	riting is no	t allowe	ed in Q	2.1, 2 & .	3)		
Q.1			e best o	_							((1.0×6)
	(i)			_		nvolved in	-			(-)		
	/:: \	(A)				Chloroplast	•	•				
	(ii)		rt is aivi e powei			o parts. Th :	e part v	vnich i	s larger,	, tnick	(-waiie	a and
			- Aorta			Vena cava	(C) A	trium	(D)	Ventrio	de
	(iii)			is a ch		al process	-	=				d which
		(A)	sponsib Acid ra				(P	R) Glot	oal warmi	nα		
		` '	Soil ero				•	•	d pollutio	-		
	(iv)	` ,			aton	nic numbe	•	-	•		s valend	e shell
	. ,	(A)	10			4			2			
	(v)	A dis	stance-t	ime gr	aph is	s shown in	the giv	en fig	ure. Wha	at info	rmatio	n you
		get f	rom it?							1		
		(A)	The ob	ject is a	t rest					Jistance		_
		(B)	The obj	ect is m	oving	with uniform	n speed.			ista		
		(C)	The ob	ject is m	noving	with increa	sing spe	ed.		≏ [_
		(D)	_		_	with decrea					Time	
	(vi)			e freque	ency	of the give				\bigcirc		
		A)	6 Hz				3) 3 H			/ \		
		C)	12 Hz			L)) 4 H	IZ	•	time = 1		· · · · · · · · · · · · · · · · · · ·
Q.2		the	blanks.			aludaa Ewat		مصنا لمصد			`	1.0×6)
	(i)	imm	unity is t		-	ncludes first of defense.	and secc	ona iine	e or deren	ise, wi	iereas, a	idaptive
	(ii)		-				uire a m	naterial	medium	is calle	ed	
	(iii)	Mode of heat transfer which do not require a material medium is called The solution which has the ability to dissolve more solute is called										
solution.												
	(iv)	formula of Beryllium chloride is							Γhe			
	(v)		_			chi	_	- c		<i>C</i>		LII
	(vi)		r parts of			orts food in	tne form	or sug	ar solutio	n from	i leaves	to all
Q.3	Decid		•	•		tements a	re True	`T ' or l	False `F'.			(1.0×6)
Q.S	(i)			_		nmune syst		<u></u> 0. <u>.</u>	1001	•	,	T / F
	(ii)					lace due to		ation o	f coating	of Silv	er	- , -
		oxid	_		•				3			T / F
	(iii)	Atom	nic numb	er is the	numl	per of neutr	ons.					T / F
	(iv)				-	e of contact						T / F
	(v)					d of the iron						T/F
	(vi)	In pickling, good bacteria is encouraged to grow against the bad bacteria										

T/F

in order to preserve the food.

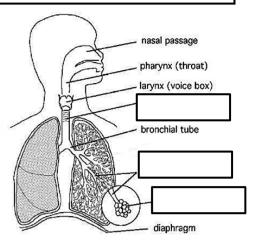
Q.4 Answer the following questions.

 (2.0×6)

(i) Briefly explain how the following factors affect the rate of transpiration.

Factors	Effect on rate of transpiration
Increase in temperature	
Decrease in temperature	
Increase in humidity	
Decrease in humidity	

(ii) Label alveoli, bronchiole and trachea in the given figure. Explain what is the function of trachea.



(iii) Photosynthesis is an example of a physical or a chemical change? Justify your answer.

_____ change

Justification: _____

(iv) Briefly explain the ionic bond formation in Sodium chloride. (Sodium at. no.: 11; mass no.: 23, Chlorine at. no.: 17; mass no.: 35)

(v) Why air is considered a solution? Mention solute and solvent in it.

Solute: _____ Solvent: _____

(vi) Convert 80°C into Fahrenheit scale.

ENTRY TEST ... 48

ADMISSION TEST TO GRADE: 8

SCIENCE

KEY

- Q. 1. Choose the best option.
 - (i) A
- (ii) D
- (iii) B
- (iv) D
- (v) A
- (vi) B

- Q. 2 Fill in the blanks.
 - (i) Innate
- (ii) radiation
- (iii) unsaturated

- (iv) BeCl₂
- (v) physical
- (vi) phloem

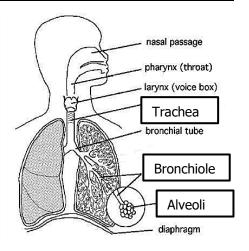
- Q. 3 True/False
 - (i) F
- (ii) F
- (iii) F
- (iv) T
- (v) T
- (vi) F

Q. 4 Answer the following questions.

(i)

Factors	Effect on rate of transpiration
Increase in temperature	Increase
Decrease in temperature	Decrease
Increase in humidity	Decrease
Decrease in humidity	Increase

(ii) Traches: Passage for inhaled air; filters and moisten the air.



- (iii) Chemical
 - Water reacts chemically with carbon dioxide to form sugar and oxygen new substances are formed with different composition.
- (iv) Distribution of electrons in sodium is 2, 8, 1, it will lose 1e to attain noble gas configuration and form sodium ion (Na⁺). Chlorine has 2, 8, 7 electrons in K, L and M shells respectively. It requires 1e to attain noble gas configuration. Sodium will donate its one electron to chlorine to form chloride ion (Cl⁻). Due to the strong electrostatic force Na⁺ and Cl⁻ ions comes closer to form ionic bond. As a result, Sodium chloride (NaCl) is formed.
- (v) Air is considered a solution because it is a homogeneous mixture of different gases, like nitrogen, oxygen, carbon dioxide, which are uniformly distributed throughout.

Solute: Oxygen, carbon dioxide and other gases.

Solvent: Nitrogen

(vi)
$$T(^{\circ}F) = 1.8 T(^{\circ}C) + 32$$

= $1.8 \times 80 + 32$
= $144 + 32$
= $176^{\circ}F$