

Name: _____

Roll No. _____

SIDDEEQ PUBLIC SCHOOL**ENTRY TEST :44****ENGLISH****MAX. MARKS: 20****ADMISSION TO CLASS:8**

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

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

- quarentine / quarantine / qaurantine / quarantine
- mischievous / mischeivous / mischeivous / mischeivous

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

- schedule _____
- frequently _____
- persuade _____
- sanitize _____

(C) Complete the columns. (0.5x6)

Words	Opposites
ancient	
	original

Nouns	Verbs	Adjectives
	disturb	
		suspiciously

Grammar**Q.2 Fill in the blanks with suitable Articles and Prepositions.** (0.5x4)

Space exploration is an investigation of _____ universe we live _____.

This is _____ integral part of man's learning _____ the cosmos and how it can benefit humanity.

Q.3 (A) Complete each sentence by choosing the correct word. (1.0x3)

- Each one of you _____ to read this unit. (have / must / has)
- _____ she not sleep early tonight? (will/ are / is)
- Indeed, hard work always _____ to success. (leaded/ lead / leads)

(B) Do as Directed. (1.0x3)

- They are reading a poem. (Change into Passive Voice)
- _____
- Joseph does not yearn for fame. (Change into Past Continuous Tense)
- _____
- She said to her mother, "I will never disappoint you." (Change into Indirect Speech)
- _____

Sentence Construction**Q.4 Make meaningful sentences of these Words.** (1.0x3)

- violent: _____
- hospitality: _____
- rarely: _____

Q.5 Translate into English. (1.0x3)

■ ہمارے ہمسائے نے ہماری مدد نہ کی۔

■ ہماری جماعت کل تعلیمی دورے پر جا رہی ہے۔

■ کیا مزدور پیل تعمیر کر چکے ہیں؟

Name: _____

Roll No. _____

SIDDEEQ PUBLIC SCHOOL

ENTRY TEST ... 44

MATHEMATICS

Max. Marks: 20

ADMISSION to CLASS: 8

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

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

(i) The intersection of set of natural numbers and whole numbers is _____.

(ii) The name of the property used in $\frac{2}{3} \times \left(\frac{3}{4} + \frac{4}{5}\right) = \left(\frac{2}{3} \times \frac{3}{4}\right) + \left(\frac{2}{3} \times \frac{4}{5}\right)$ is _____

(iii) 10m/sec= _____ km/h.

(iv) The degree of $3x^2y + 4x^3y^2$ is _____.

2. (i) **Factorize:** $18a^2b^2 - 32c^2$ (ii) **Find the square root of 4596.84 by division method.** (2.0 × 2)

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

3. **A square lawn has an area of 50625 m². A wooden fence is to be laid around the lawn. How much long wooden fence is required? What will be its cost @ of Rs200 per metre?** (4.0)

4. **Find the solution :** $6\left(3x - \frac{1}{2}\right) - 8\left(x + \frac{3}{2}\right) = 0$ (4.0)

5. **Saim is 4years younger than his sister Ayesha. Four years ago , Saim's age was one third of Ayesha's age. Find their present ages.** (4.0)

(Use back of the sheet for Q.5)

Name: _____

Roll No. _____

SIDDEEQ PUBLIC SCHOOL

ENTRY TEST ... 44

SCIENCE

Max. Marks: 10

ADMISSION to CLASS: 8

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

Objective

Q.1 Fill in the blanks. (1.0×4)

- (i) _____ is the mode of heat transfer which takes place due to the actual movement of molecules from a hotter to a colder region.
- (ii) Rusting of iron is a _____ change and melting of iron is a _____ change.
- (iii) Water can be disinfected by boiling or by adding _____.
- (iv) When many populations of different kinds live in an area, they make a _____.

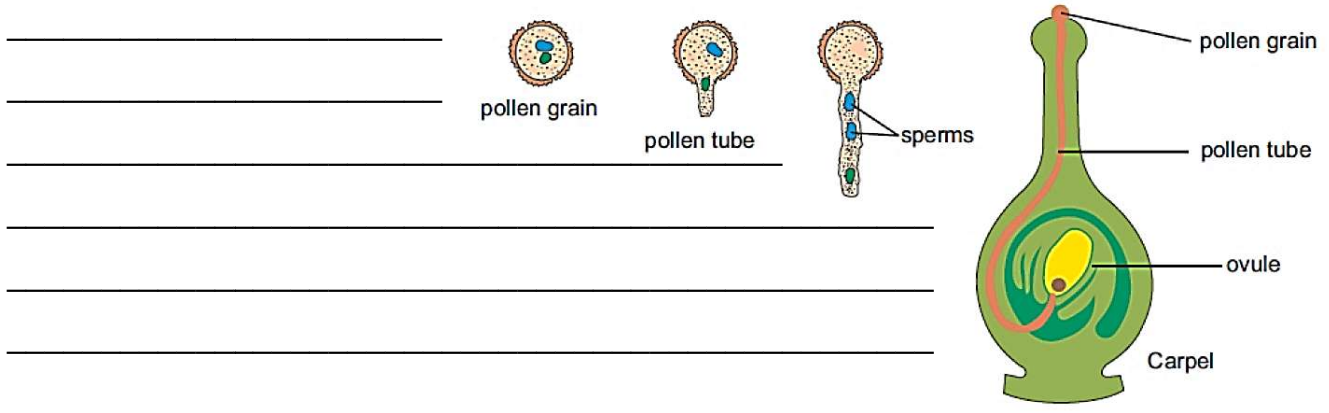
Short-Answer Questions

(Best three will be considered.)

(2.0×3)

Q.2 Answer the following questions.

(i) **Observe the given figures and explain the process of 'fertilization in plants'.**



(ii) **What is meant by oxygenated and deoxygenated blood? Also mention the reason for the smaller diameter of capillaries.**

Oxygenated blood: _____

Deoxygenated blood: _____

Reason: _____

(iii) **The symbolic representation of Oxygen and Sodium atom is $^{16}_8\text{O}$ and $^{23}_{11}\text{Na}$ respectively. Calculate their number of neutrons and number of valence electrons.**

	OXYGEN	SODIUM
No. of neutrons		
No. of valence electrons		

(iv) **Explain the parts of a longitudinal wave and draw a well-labelled figure for it.**

Use backside of the sheet to answer.