MODEL PAPER Of MATHEMATICS for ADMISSION TO CLASS: 8
(Max. Marks:20)

| Objective |

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

(i) Square root of additive identity is_____.

(ii) Base and exponent of $(x - y)^3$ are_____and _____

(iii) When we convert 36 km/ h into m/s , we get_____.

(iv) Power set of an empty set is _____.

| Computational Strategies Skills |

Q.2 Verify the **Distributive Property**. (4.0)

$$2\frac{2}{3} \times (\frac{1}{2} - 6) = (2\frac{2}{3} \times \frac{1}{2}) - (2\frac{2}{3} \times 6)$$

Q.3 **(A) Find** the **solution set** of $\frac{5}{2}(\frac{3}{2} - 2x) + \frac{3}{2}(2x - \frac{5}{2}) = 0$ (2.0×2)

(B) Find the **product** of **(2x +5y) and (2x – 5y) by** using **suitable formula.**

| Problem Solving Skills |

Q.4 **Find the perimeter** of a **rectangular** park whose **length is three times of its width** and the **area is 720.75m²**. Also **calculate the cost** of **fencing** the park @ **Rs 192/m.** (4.0)

Q.5 **12 water pumps** can make a water tank empty in **20 minutes**. But **2 pumps get out of order**. **How long** will the **remaining pumps take** to make the tank empty. (4.0)

MODEL PAPER FOR ENGLISH ADMISSION TO CLASS 8

(Max. Marks: 20.0)

Q.1 **(A)** **Encircle the Correct Spelling.** (0.5x2)

superstious / superstitious / soperstious / sepperstitios

milennium / millemium / millenniam / millennium

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

- distinguish _____
- clarify _____
- operate _____
- complaint _____

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

Word	Opposite
faultless	
	boredom

Nouns	Verbs	Adjectives
purity		
	believe	

Q.2 **Fill in each Blank with a Suitable Article or Preposition.** (0.5x4)

_____man standing _____ me was constantly staring _____ the glass painting. He went to the organizer to ask for _____ contact number of the painter.

Q.3 **(A)** **Complete each Sentence by Choosing the Correct Word.** (1.0×3)
- A group of boys _____ playing basketball. (are, were, is)
- When _____ you have your exams last year? (do, did, had)
- She sometimes _____ pictures. (draws, draw, drawn)

(B) **Do as Directed.** (1.0×3)

- Our teacher gave an impressive lecture on hard work. (Change into Passive Voice)

_____

- The woman lit fire in the room. (Change into Simple Present)

_____

- Umer said to me, "You did not tell me the truth." (Change into Indirect Speech)

_____

Q.4 **Make Meaningful Sentences using the given words.** (1.0x3)
- accurate: _____
- hesitate: _____
- instead: _____

Q.4 **Translate into English.** (1.0x3)

- ۔کل میں نے بازار سے کچھ کتابیں خریدیں

_____

- ۔احمد ہر سال امتحان میں اول آتا ہے

_____

- کیا شرارتی بچوں نے غریب آدمی کا غذاق نہیں اڑایا ہوگا؟

_____

MODEL PAPER of SCIENCE for ADMISSION to CLASS 8

(Max. Marks: 10)

Q.1 Fill in the Blanks. (4×1.0)

(i) Desert plants (cacti) possess _____ to reduce water loss.

(ii) The element with electronic configuration 2, 8, 7 has the valency of_____.

(iii) When light passes from one transparent

direction. This bending of light is called _____.

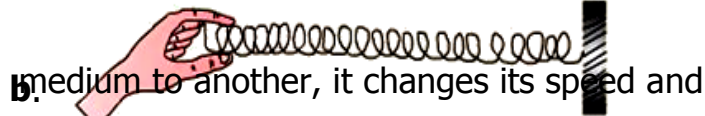(iv) Turning of milk into yogurt is a _____ change.

Short Answers

(***Best three will be considered***) (3×2.0)

Q.2 Answer the following questions.

(i) Atom is the smallest particle of matter that cannot exist independently. Justify.

_____

(ii) Name each type of wave. Also write **ONE** difference between the two.

a.   b. medium to another, it changes its speed and

_____   _____

(iii) Why can't convection take place in solids?

_____

(iv) Sketch a neat and well-labelled diagram of a human digestive system.