R.E.D. Group of Schools

Entrance Test–IX (2017–18)

Time : 30 Min.　　　　　　**Subject - English**　　　　　　M.M. 20

General Instructions.

➢　*All the questions are compulsory.*

➢　*Use of calculator or mobile is not allowed in the exam.*

Section - A (Reading Skill)

Q.1　Read the following passage carefully and answer the questions that follow.　　　5×1=5

I.C. Wilma Rudolph was born in 1940 in Tennessee. The twentieth of 22 children, she was born with polio and suffered from serious bouts of pneumonia and scarlet fever as a young child. All these ailments contributed to a bad leg that some said would prevent her from ever walking. Wilma narrates her experiences as a child and as an athlete.

My doctors told me I would never walk again. I walked with braces until I was at least nine years old. My life wasn't like that of the average person who grew up. I spent most of my time trying to find out how to get my braces off. My mother taught me very early to belive I could achieve any accomplishment I wanted to. The first was to walk without braces. Then, I ran and ran and ran every day. I said to myself, "I want to be the fastest woman on the track on this earth". I was very determined. I told myself that I would never, never give up. By the time I was 12, I was challenging every boy in our neighbourhood at running, jumping, everything. Finally when I won three gold medals at the 1960 Olympics at Rome, it became history that a paralytic woman became the fastest woman on earth. Triumph can't be head without struggle. And I know what struggle is. And I believe in me more than anything else in this world.

(i)　With which disease was Wilma Rudolph born?

(ii)　How was Rudolph's life different from the life of other persons?

(iii)　What was Wilma's dream?

(iv)　What did Wilma do in 1960?

(v)　Which word in the passage means the same as 'disease'?

Section - B (Writing Skill)

Q.2　Your friend Sahil is almost addicted to computer and this habit of his has started affecting his health, especially his eyesight. His parents are also worried at this addiction of Sahil. Write an article on "The proper use of computers by the students" basing your ideas on Sahil, in about 120 words.　　　5

OR

You are Arun living at 75, New Colony, Faridabad. Write a letter to your brother telling him about an interesting weekend that you spent at your friend's house.

Section -C (Grammar)

Q.3　**Change the following sentences into indirect speech**. :-　　　3×1=3

(i)　The Principal said to the students, "Work hard."

(ii)　I said to him, "Do you want my help?"

(iii)　She said, "I waited for you in the morning."

Q.4   **Fill up the following blanks with appropriate preposition:-**   6×½=3

    (i)   He did not listen _____my advice.

    (ii)   He invited me _____ tea.

    (iii)   He is knocking _____ the door.

    (iv)   Ram was married _____ Sita.

    (v)   I hit him _____ a stone.

    (vi)   We pray _____ God daily.

Q.5   **The following passage has not been edited. There is one error in each of the line. Write the incorrect word and the correction in your answer sheet as given below.**   8×½= 4

	Incorrect	**Correct**
The pump, one of the better	(a)	
pain management techniques now	(b)	
available, implies pain-killing drugs	(c)	
in the body. Studies but practised as	(d)	
a superspecialised branch in medicine,	(e)	
pain management offers relief for	(f)	
patients assailed in severe pain.	(g)	
The perception of pain different from	(h)	
person to person.		

---------*The End*---------

R.E.D. Group of Schools

Entrance Test– (2017–18)
Class– IX

Time : 30 Min. **Subject - Mathematics** *M.M. 20*

General Instructions.

➢ *All questions are compulsory.*
➢ *Use of calculator or mobile is not allowed in the exam.*

<u>***Very short answer type questions***</u>**:**   **4×2=8**

Q.1   Define commutative and associative property of rational numbers under multiplication with example.

Q.2   If $\left(x - \dfrac{1}{x} \right) = 10$, find the values of $x^2 + \dfrac{1}{x^2}$.

Q.3   Factorise $256\, p^4 - 81$.

Q. 4   Find the value of x if -

$$2^{11} \div 2^5 = 2^{-3} \times 2^{2x-1}$$

<u>***Short answer type questions***</u>**:**   **4×3=12**

Q. 5   The ten's digit of a two digits number is half the digit at unit's place. If the digits are interchanged, the resulting number is 36 more than the original number. Find the number.

Q.6   If one diagonal of rhombus is equal to its side, find all the angles of rhombus.

Q.7   The surface area of a cube is 350 *cm²*, find the volume of the cube.

Q.8   The circumference of the base of a right circular cylinder is 220 *cm* and its height is 105 *cm*. Find the total surface area of the cylinder.

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R.E.D. Group of Schools
Entrance Test – (Session: 2017-18)
Class : IX

Time :30 Min.   Subject - Science & Technology   M.M. 20

Student Name _____   Roll No. _____   Sec. _____

1.	Define the term 'Pressure'.	1
2.	What do you mean by a chemical change?	1
3.	Name one metal that found in liquid state at room temperature.	1
4.	Define the term "Biological cell".	2
5.	Name any five substances that burn with a flame.?	2
6.	Write any four physical properties of metals.	2
7.	Draw neat and labelled diagram of a plant cell.	2
8.	What is water pollution? Write it causes and effects.	3
9.	Write differences between living things and non-living things.	3
10.	Write symbols of the following elements. Oxygen, calcium, sodium, hydrogen, gold and copper.	3

****End of Paper****