D.A.V. PUBLIC SCHOOL, THANE
(2021-2022)
PERIODIC TEST -1
SUBJECT: SCIENCE

DATE: 5/08/2021 **TIME: 1 HOUR**
STD: VIII **MAX. MARKS: 20**

General Instructions:

1. The question paper comprises three sections – A, B, and C.
2. **Section–A - question no. 1 to 5 (Attempt any 3)** are short answer type questions, carrying 2 marks each. Answers to these questions should in the range of 30 to 50 words.
3. **Section–B - question no. 6 to 10 (Attempt any 3**) are short answer type questions, carrying 3 marks each. Answers to these questions should in the range of 50 to 80 words.
4. **Section–C – question no. - 11to 12 (Attempt any 1)** are long answer type questions carrying 5 marks each. Answer to these questions should be in the range of 80 to 120 words.
5. Wherever necessary, neat and properly labeled diagrams should be drawn.

SECTION A (Attempt any three) 2X 3M=6M

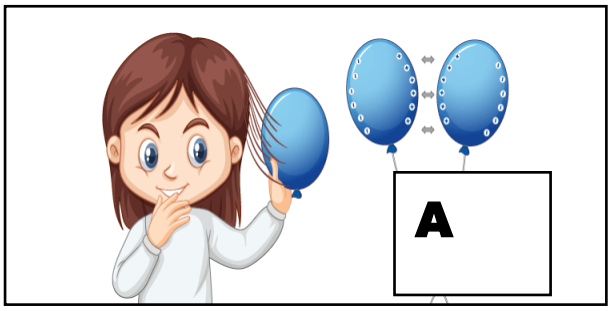
1.Name two types of endoplasmic reticulum found in a living cell and specify their function in the cell.

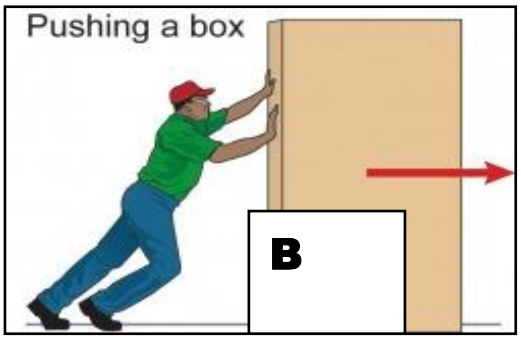
2. Define the term refining of petroleum. Name two by products of refining petroleum that are used as domestic fuels.

3.The shape of cells differs not only in organisms but also in different organs of the same organism. Justify the statement.

4. Observe figure A and B and complete the following table

(Write your answer in tabular form)





	Nature of forces	Kind of Force
A		
B		

5. What are biological nitrogen fixers? Name any two.

SECTION B (Attempt any three) 3X3 M=9M

6.State one use of each of the following:
a) coke b) fuel oil c) coal gas

7. Name the type of microorganism which cause following diseases
a) Rust of Wheat b) Tuberculosis c) Rabies

8. a) What are chromosomes? What is their significance?
b) Complete the table

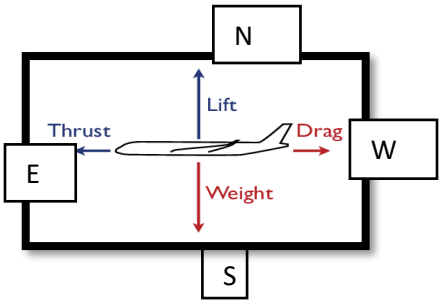
S.no		**Name**
i)	**Organ of locomotion in Euglena**	
ii)	**Colouring Stain or dye used for making slide of onion cell**	

9.a) Why is it easier to hammer a sharp nail into wood than a blunt one?
b) While constructing dams or bridges base is made wider. Why?

10. a) What are fossil fuels?
b) Why are fossil fuels called nonrenewable sources of energy?
c) Name any two solid fuels.

SECTION C (Attempt any three) 1X 5M=5M

11.a) Define force.
b) Mention any three effects of force.
c) Predict the direction of motion of the airplane in the given picture if thrust is greater than drag
d) Identify drag and thrust as balanced or unbalanced force.



12. a) Define the preservation of food items.
b) Name any two chemical preservatives?
c) How will you preserve the following **at home?**
i) Dry fruits ii) Meat and fish iii) Milk

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