

PVG's  
**Muktangan English School & Jr. College,**  
**Pune –9**  
**UNIT TEST – I (2024-2025)**  
**STANDARD - VIII**

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Subject: Science

Marks: 20

Date: 12/08/2024

Time: 9.30 am to 10.45 am

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**Q1-A) Fill in the blanks by choosing the correct alternative and rewrite the statements. (2)**

- 1) Cell wall of fungi is made up of \_\_\_\_\_.
- 2) The hormone \_\_\_\_\_ produced by pancreases controls the level of sugar –glucose in blood.

**Q1-B) State whether the following statements are True or False and rewrite the statements. (2)**

- 1) Blunt knife exerts more pressure on the objects.
- 2) The air pressure on our body is equal to atmospheric pressure.

**Q2-A) Answer the following questions in one sentence. (Any two) (2)**

- 1) Write any two characteristics of algae.
- 2) Write any two reasons of heart attack.
- 3) State Archemedes principle.

**Q2-B) Give scientific reasons for the following statements (Any two) (4)**

- 1) Lactobacilli are useful bacteria.
- 2) Regular balanced diet and exercise are necessary.
- 3) The wall of the dam is broad at its base.

**Q3-A) Answer the following questions in brief. (Any three) (6)**

- 1) Distinguish between infectious and non-infectious diseases.  
(write any two points of differences.)**
- 2) Write the symptoms of Dengue.**
- 3) Explain: If a stationary bus suddenly speeds up, passengers are thrown in the backward directions.**
- 4) Calculate the relative density of iron, if the density of water is  $10^3 \text{ Kg/m}^3$  and the density of iron is  $7.85 \times 10^3 \text{ kg/m}^3$**

**Q4 Answer the following questions (Any one) (4)**

- 1) a) Draw neat and labelled diagram of paramecium.  
b) Write any two characteristics of kingdom Protista.**
- 2) a) Define pressure and write SI unit of pressure.  
b) Draw neat and labelled diagram of Balanced and Unbalanced force.**

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