

SIDDEEQ PUBLIC SCHOOL

ENTRY TEST ... 49

SCIENCE

Max. Marks: 10

ADMISSION to CLASS: 6

Checked by	Srv #	Sign:	Rechecked by	Srv #	Sign:	Marks:
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Objective**Q.1 Fill in the blanks.** (1.0×4)

- (i) Similar magnetic poles _____ each other while opposite poles _____ each other.
- (ii) The _____ is the central part of the Earth, which is the hottest and heaviest part.
- (iii) The objects which do not allow light to pass through them are _____ objects.
- (iv) A _____ is a group of food chains within an ecosystem.

Short-Answer Questions(Best three will be considered.)

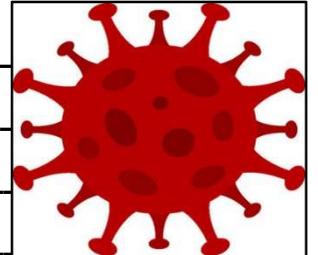
(2.0×3)

Q.2 Answer the following questions.

- (i) Write down any
- two
- characteristics of
- soil
- .

- _____
- _____

- (ii) Identify the following microorganism as
- bacteria
- or
- virus
- . Briefly explain how they are
- harmful
- ?

Identification: _____**Harmful effect:** _____

- (iii) Briefly explain in your
- own
- words the process of inhalation and exhalation.

Process	Explanation
<i>Inhalation</i>	
<i>Exhalation</i>	

- (iv) Why do water droplets form on the outer surface of a glass containing ice cold water?

Reason : _____**Justification :** _____

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KEY

Q.1 Fill in the blanks.

- (i) Repel; Attract (ii) Core (iii) Opaque (iv) Food web

Q.2 Answer the following questions.

(i) (Any two)

- The top layer of soil contains sufficient amount of humus (grey colour).
- Below it is the layer of subsoil which contains clay (brown colour).
- The lowest layer consists of gravel.
- The soil of different places may differ in particle size, weight, moisture, colour and texture.

(ii) Virus

Viruses are very harmful to living organism. They cause diseases in human beings, animals and plants for example Hepatitis, Polio, Flu, COVID -19, Measles, Mumps (Any two)

(iii)

Process	Explanation
Inhalation	<ul style="list-style-type: none">• Air is taken into the lungs.• Diaphragm flattens and moves downwards.• Lungs expand.
Exhalation	<ul style="list-style-type: none">• Air is taken out of the lungs.• Diaphragm relaxes and moves upwards.• Lungs are compressed.

(iv) Condensation

When water vapours present in air touch the outer surface of glass, then they lose heat. As a result, these water vapours change into liquid and stick to the outer surface of the glass.