

**7th Science 3rd Term Book Back Questions in English****[New Book]****1. LIGHT****I. Choose the Correct Answer**

1. Light travels only in a \_\_\_\_\_. It is because of this property that are formed
  - a. curved line, shadows
  - b. straight line, shadows
  - c. straight line, reflection**
  - d. curved line and then straight line, shadows
2. Light that hits a mirror gets \_\_\_\_\_
  - a. Transmitted
  - b. Reflected**
  - c. Absorbed
  - d. Refracted
3. \_\_\_\_\_ Surface reflects the light well.
  - a. water
  - b. compact disc
  - c. mirror**
  - d. stone
4. Light is a form of \_\_\_\_\_
  - a. matter
  - b. energy**
  - c. medium
  - d. particle
5. You can see your image in polished floors, but not in wooden table because
  - a. regular reflection takes place in wooden table and irregular reflection in polished floor
  - b. regular reflection takes place in polished floor and irregular reflection in wooden table**
  - c. regular reflection takes place in both polished floor and wooden table
  - d. irregular reflection takes place in both polished floor and wooden table
6. Choose the translucent substance from the following
  - a. glass
  - b. wood
  - c. water
  - d. Clouds**
7. Reflection occurs , when the light
  - a. about to reach a surface
  - b. approaches a surface
  - c. passes through a surface**
  - d. None of these
8. Which of the following is the best reflector of light?
  - a. plastic plate
  - b. plane mirror**
  - c. wall
  - d. paper
9. Sivaram placed a meter stick in the playground at 7.00 am in the morning. How will the shadow of the stick at noon look in comparison to the one in the morning
  - a. There will be no shadow
  - b. The shadow will be longer and on the opposite side as the sun
  - c. The shadow will be shorter and on the same side as the sun
  - d. The shadow will be shorter**
10. The image formed by a pinhole camera is inverted because,
  - a. light travels in straight lines**
  - b. light rays become laterally inverted as they pass through a pinhole camera
  - c. light rays pass through the pinhole





- The first man-made fibre is \_\_\_\_\_  
 a) Nylon  
**c) Rayon**  
 b) Polyester  
 d) Cotton
- Which of the following is the strongest? \_\_\_\_\_  
 a) Rayon  
**b) Nylon**  
 c) Acrylic  
 d) Polyester
- When you place a natural fibre in a flame it \_\_\_\_\_  
 a) melts  
**b) burns**  
 c) gets nothing  
 d) explodes
- A synthetic fibre which has similar properties to wool is \_\_\_\_\_  
 a) Nylon  
**c) Acrylic**  
 b) Polyester  
 d) PVC
- A good application of plastic is the use of \_\_\_\_\_  
**a) Blood bags**  
 c) Plastic straws  
 b) Plastic cutlery  
 d) Plastic carry bag
- \_\_\_\_\_ is a non-biodegradable material  
 a) Paper  
**b) A plastic bottle**  
 c) Cotton cloth  
 d) Wool
- PET is the acronym for \_\_\_\_\_  
 a) Polyester  
**c) Polyethylene terephthalate**  
 b) Polyester and terylene  
 d) Polyetheneterylene

### II. Fill in The Blanks

- PET like water bottles, Soda bottles** is an example of polyester fabric.
- Resin are used to identify different types of plastics.
- A **Polymer** is a long chain made up of many repeated small units called monomers.
- A natural fibre is called **Plant or Animal Fibres**
- A natural fibre obtained by boiling cocoons is called **Silk**

### III. True or False

- A lot of plastic pollutes our environment. **True**
- Refuse (avoid) is the best way to manage plastic. **True**
- It is good to wear clothes made of synthetic fibres while cooking. **False**
- Degradable plastics break down into tiny pieces called microplastics. **True**
- Cotton is a natural polymer. **True**

### IV. Match the Following

- | A           | - | B                     |
|-------------|---|-----------------------|
| 1. Nylon    | - | Thermoplastic         |
| 2. PVC      | - | Thermosetting plastic |
| 3. Bakelite | - | Fibre                 |
| 4. Teflon   | - | Wood pulp             |
| 5. Rayon    | - | Non-stick cookwares   |

**ANSWER: 2,3,1,5,4**

### V. Analogy

1. Cotton: natural : Polyester: **Artificial**
2. PLA spoon : compostable : Plastic spoon : **Uncompostable**
3. Nylon :melts on heating : Silk:**Transfer the heat**

**VI. Assertion and Reason**

1. A: Vegetable peels buried in the soil disappear within two weeks.

R: Vegetable peels are compostable.

**ANSWER: Both Statement are correct and R is the explanation of A**

2. A: It takes a very long time for nylon clothes to breakdown into microfibers but cotton clothes need only six months to decompose.

R: Nylon made out of petrochemicals is non-biodegradable and cotton cloth is biodegradable.

**ANSWER: Both Statement are correct and R is the explanation of A**

3. A: It is good to avoid plastics.

R: Plastics end up polluting the environment.

**ANSWER: Both Statement are correct and R is the explanation of A**

**4. Chemistry in Daily Life****I. Choose the correct answer**

1. A drug effective in the treatment of pneumonia, and bronchitis, is \_\_\_\_\_
  - a. Streptomycin
  - b. Chloramphenicol
  - c. Penicillin**
  - d. Sulphaguanidine
2. Aspirin is \_\_\_\_\_
  - a. Antibiotic
  - b. Antipyretic**
  - c. Sedative
  - d. Psychedelic
3. \_\_\_\_\_ are that neutralize stomach acid.
  - a. Antacid**
  - b. Antipyretic
  - c. Analgesic
  - d. Antihistamics
4. The lowest temperature at which a substance catch the fire is called its \_\_\_\_\_
  - a. Boiling point
  - b. Melting point
  - c. Critical temperature
  - d. Ignition temperature.**
5. Which is the hottest part in the flame of candle \_\_\_\_\_
  - a. Blue**
  - b. Yellow
  - c. Black
  - c. Way part

**II. Fill in the blanks.**

1. Penicillin was first discovered by **Alexander Fleming**
2. World ORS Day is **July 29**
3. Combustion is a chemical reaction in which and substance react with **Oxygen**
4. In the presence of water, the ignition temperature of paper is **Constant**
5. Fire produced by oil cannot be controlled by **Water**

**III True or False**

1. Antibiotics does work for viruses like cold. **True**
2. Analgesics are the substances that lower the temperature during fever. **False**

3. All fuels form flame. **False**
4. Oxygen is necessary for combustion. **True**
5. Burning wood and coal causes pollution of air. **True**

**IV Match the following**

- |                    |   |                               |
|--------------------|---|-------------------------------|
| 1. Antipyretic     | - | reduce pain                   |
| 2. Analgesic       | - | reduce body temperature       |
| 3. Antacid         | - | spontaneous combustion        |
| 4. Phosphorus      | - | ORS Solution                  |
| 5. Carbon monoxide | - | leads to respiratory problem. |

**ANSWER: 2,1,4,3,5****V Analogy**

1. Inner zone of flame : : **Black**, outer zone of flame : : **Blue**
2. Tincture : : **Antiseptic**, cistamine : : **Disinfectant**

**5. Animals in Daily Life****I. Choose the correct answer:**

1. \_\_\_\_\_ is the daily essential product which is obtained from cattle.
 

a) Egg	<b>b) Milk</b>
c) Both of them	d) None of them
2. Eggs are rich in \_\_\_\_\_.
 

<b>a) Protein</b>	b) Carbo hydrate
c) Fat	d) Acid
3. Which parts of the goat and sheep is used for manufacturing clothes.
 

a) Leg	b) Hand
<b>c) Hair</b>	d) Head
4. The cultivation and production of silk is known as \_\_\_\_\_.
 

a) Horticulture	b) Floriculture
c) Agriculture	<b>d) Sericulture</b>
5. Sorter's Disease is otherwise known as \_\_\_\_\_.
 

a) Asthma	<b>b) Anthrax</b>
c) Typhoid	d) Cholera

**II. Fill in the blanks.**

1. Proteins and **Vitamins** is rich in milk.
2. **Honey** is extracted from bee hives.
3. Anthrax is caused by **Bacillus anthracis**
4. **Silk** is the strongest natural fibre.
5. Peace silk was produced in the year **1992**

**III. True or False**

1. Animals are the greatest gift of nature. **True**
2. Horse hair is used as bristles in small painting brushes. **True**
3. Wool is the fibre derived from the silk worm. **False**
4. Ahimsa silk is otherwise known as Mulberry silk. **False**

5. Pencillin is the best medicine for curing Anthrax. **True**

**IV. Match the following**

- |                 |   |                |
|-----------------|---|----------------|
| 1. Cocoons      | - | Meat           |
| 2. Peace silk   | - | Poultry        |
| 3. Broilers     | - | Silk worm      |
| 4. Sweet Liquid | - | Andhra pradesh |
| 5. Goat         | - | Honey          |

**ANSWER: 5,3,1,2,4**

**V. Analogy**

- Water : pipe : Electric current :: **Wire**
- Copper : conductor : wood :: **Non Conductor**
- Length : metre scale : current :: **Ammeter**
- Milli ampere: micro ampere:  $10^{-3}A$  ::  **$10^{-6}A$**

**VI. Assertion and Reasoning**

1. Assertion : Wool is the fibre derived from the fur of animals.

Reason : Animals like goat, Yak, Alpaca and rabbit yields wool.

- Both Assertion and reasoning is correct**
- Assertion is correct but reason in wrong
- Assertion is wrong but reason is correct
- Assertion and Reason are incorrect

2. Assertion : Pencillin or ciprofloxacin

Reason : These medicines cures cow pox.

- Assertion is correct Reason is wrong
- Assertion is wrong reason is correct
- Assertion is wrong reason is also wrong**
- Assertion is correct and reason is correct.

**6. Visual Communication**

**I. Choose the correct answer:**

- The Keyboard shortcut is used to copy the selected text
 

a) <b>Ctrl+c</b>	b) Ctrl+v
c) Ctrl+x	d) Ctrl+A
- The Keyboard shortcut is used to cut the selected text
 

a) Ctrl+ c	b) Ctrl+v
<b>c) Ctrl+x</b>	d) Ctrl+A
- How many types of page orientation are there in Libre office Writer?
 

a) 1	<b>(b) 2</b>	(c) 3	(d) 4
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- If the ruler is not displayed in the screen, \_\_\_\_\_ option is clicked.
 

<b>a) View-&gt; ruler</b>	b) view-> task
c) file-> save	d) edit->paste
- The menu is used to save the document
 

a) File-> open	b) file-> print
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c) **file-> save**

d) file->close

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