Learning Leads To Ruling

Page 1 of 8

# 7th Science 3rd Term Book Back Questions in English

# [New Book]

# 1. LIGHT

hoos	e the Correct Answer	
1. Li	ight 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. Li	ight 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. Li	ight is a form of	
	a. matter	b. energy
	c. medium	d. particle
5. Y	ou can see your image in polished floors, b	out not in wooden table because
	a. regular reflection takes place in wood	den table and irregular reflection in polished floor
	b. regular reflection takes place in po	olished 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 bot	th polished floor and wooden table
6. C	hoose the translucent substance from the fo	ollowing
	a. glass	b. wood
	c. water	d. Clouds
7. R	eflection occurs, when the light	
	a. about to reach a surface	b. approaches a surface
	c. passes through a surface	d. None of these
8. W	Thich of the following is the best reflector of	of light?
	a. plastic plate	b. plane mirror
	c. wall	d. paper
9. Si	varajan placed a meter stick in the playgro	ound at 7.00 am in the morning. How will the shadow of the
	at noon look in comparison to the one in t	
	a. There will be no shadow	_
	b. The shadow will be longer and on the	e opposite side as the sun
	c. The shadow will be shorter and on th	ne same side as the sun
	d. The shadow will be shorter	
10.	The image formed by a pinhole camera is in	nverted because,
	a. light travels in straight lines	
	b. light rays become laterally inverted a	as they pass through a pinhole camera
	c. light rays pass through the pinhole	

- d. light rays get reflected
- 11. Which of the following facts explain how shadows are formed?
  - a. Light travels in straight lines
  - b. Opaque bodies do not allow light to pass through them
  - c. Reflection occurs at a smooth surfaces like mirrors
  - d. Lateral inversion happens

a. both A and B

b. both A and D

c. both B and C

d. only A

#### II. Fill in the blanks:

- 1. A plane mirror produces a **Virtual** image
- 2. A **Light** reflection helps us to see the objects
- 3. The light ray gets **reflected** when it falls on any polished surface.
- 4. Sunlight is a blend of **Seven** colors
- 5. The splitting of white light in to seven colors is called **Dispersion**
- 6. The moon **reflects** sun light
- 7. The sunlight can be split into its constituent colors using **Prism**
- 8. Reflection of light from rough surface is called **Diffuse** reflection

#### III. Say TRUE or FALSE

- 1. The image of right hand in a plane mirror looks like a left hand. **True**
- 2. Rainbow is formed by dispersion of which light by water drops. **True**
- 3. The image formed by the plane mirror is laterally inverted, hence the image seen through the periscope is also laterally inverted. **True**
- 4. We see planets because they reflect light from the sun. **True**
- 5. We see a book because it reflects the light that falls on its surface. **True**
- 6. The image formed in a pinhole camera is always inverted. **True**
- 7. The image formed in a pinhole camera is always the same size as the object. **False**
- 8. The image formed in a plane mirror is upside down. False
- 9. A plane mirror is opaque. **True**
- 10. A shadow is formed on the same side of the object as the source of light. False
- 11. we are able to see things around us with the help of regular reflection. False
- 12. After passing through a prism, white light splits into a band of seven colours. **True**

#### IV. Match the following

Rectilinear propagation
 Plane Mirror
 Primary source of light
 Non-luminous object

3. Fire fly - Periscope

4. The Moon
5. Wide light source
6. Regular reflection
Pinhole camera
Spectrum of light
luminous object

7. The sun - Penumbra

8. Band of seven colors - Glossy surface

ANSWER: 7,4,2,1,8,3,5,6

# 2. Universe and Space

#### I. Choose the correct answer

- 1. The moon takes \_\_\_\_\_ days to complete one revolution around the Earth
  - a. 25
- b. 26
- c. 27
- d. 28
- 2. If the Moon is appeaing in the sky today near the star Karthikai, the position of the Moon after 27 days is near the star
  - a. Bharani

b. Karthikai

c. Rohini

- d. Asvini
- 3. Telescope was invented by
  - a. Han Lippershey

- b. Galilio
- c. Nicolus Coppernicus
- d. Ptolomy
- 4. The galaxy containing young and hot stars is
  - a. elliptical galaxy

b. irregular galaxy

c. cluster

- d. spiral galaxy
- 5. With the launch of this satellite, ISRO became capable of launching 4 ton heavy satellites.
  - a. GSAT- 13

b. GSAT- 14

c. GSAT-17

c. Way par GSAT- 19

#### II. Fill in the blanks.

- 1. Waxing of moon means changing of Full Moon
- 2. Heliocentric model is proposed by Nicolaus Copernicus
- 3.**Big Bang theory** is the prevailing model of Evolution of the Universe
- 4. <u>Ursa Major</u> is a large constellation which covers a large part of the sky.
- 5. Aryabatta is the first satellite launched by India

#### III True or False

- 1. On a full moon day, when the Sun is setting in the west, moon rises in the West. False
- 2. The word crescent refers to the phases where the moon is less than half illuminated. **True**
- 3. Galilio accepted the Geo-centric model. False
- 4. Our Milky Way galaxy is identified as an elliptical galaxy. False
- 5. The planet Venus in our solar system doesn't have a moon. **True**

#### IV Match the following

- 1. Rohini GSLV-Mark III
- 2. GSAT-14 GSLV Mark III M1
- 3. GSAT-19 SLV-3
- 4. Chandrayaan-2 PSLV-XL C25
- 5. Mangalyaan GSLV-D5

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

#### **V** Analogy

- 1. Older stars : elliptical galaxies :: younger stars : **Spiral Galaxies**
- 2. Nearest galaxy: Andromeda:: Nearest star: Proxima Centauri

# 3. Polymer Chemistry

#### I. Choose the correct answer:

1. The first man-	made fibre is					
a) Nylon		b) Polyester				
c) Rayon	1	d) Cotton				
2. Which of the f	2. Which of the following is the strongest?					
a) Rayon		b) Nylon				
c) Acrylic	c	d) Polyester				
3. When you pla	ce a natural fibre in	n a flame it				
a) melts		b) burns				
c) gets no	othing	d) explodes				
4. A synthetic fil	4. A synthetic fibre which has similar properties to wool is					
a)Nylon		b) Polyester				
c) Acryli	ic	d) PVC				
5. A good applic	ation of plastic is t	he use of				
a) Blood	bags	b) Plastic cutlery				
c) Plastic	straws	d) Plastic carry bag				
6	_ is a non-biodegra	adable material				
a)Paper		b) A plastic bottle				
c) Cotton	cloth	d) Wool				
8. PET is the acr	onym for					
a) Polyes	ter	b) Polyester and terylene				
c) Polyet	thylene terephthal	d) Polyetheneterylene				
II. Fill in The Blank	S					
1. <u>PET like wat</u>	<u>er bottles, Soda b</u>	ottles is an example of polyester fabric.				
2. Resin are used	l to identify differe	ent types of plastics.				
3. A <b>Polymer</b> is	a long chain made	up of many repeated small units called monomers.				
4. A natural fibre	e is called <b>Plant or</b>	Animal Fibres				
5. A natural fibre	e obtained by boiling	ng cocoons is called Silk				
III. True or False						
1. A lot of plastic	c pollutes our envi	ronment. True				
2. Refuse (avoid)	2. Refuse (avoid) is the best way to manage plastic. <b>True</b>					
3. It is good to w	3. It is good to wear clothes made of synthetic fibres while cooking. False					
4. Degradable pl	astics break down	into tiny pieces called microplastics. True				
5. Cotton is a natural polymer. <b>True</b>						
IV. Match the Follov	ving					
A		В				
1. Nylon	- Ther	moplastic				
2.PVC	- Ther	mosetting plastic				
3.Bakelite	- Fibre					
4.Teflon	- Woo	d pulp				
5.Rayon	- Non	-stick cookwares				
<b>ANSWER: 2,3,</b>	1,5,4					

V. Analogy

- 1. Cotton: natural : Polyester: Artificial
- 2. PLA spoon : compostable : Plastic spoon : <u>Uncompostable</u>
- 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>I</i> .	Choose	the	correct	answer
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Choose the correct unswer				
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. Antihistanics			
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 temperature3.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) Milk

c) Both of them

- d) None of them
- 2. Eggs are rich in \_\_\_\_\_.
  - a) Protein

b) Carbo hydrate

c) Fat

- d) Acid
- 3. Which parts of the goat and sheep is used for manufacturing clothes.
  - a) Leg

b) Hand

c) Hair

- d) Head
- 4. The cultivation and production of silk is known as \_\_\_\_\_\_.
  - a) Horticulture

b) Floriculture

c) Agriculture

- d) Sericulture
- 5. Sorter's Disease is otherwise known as\_\_\_\_\_
  - a) Asthma

b) Anthrax

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**

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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
- Andhra pradesh 4. Sweet Liquid
- 5. Goat Honey

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

#### V. Analogy

- 1. Water: pipe: Electric current:: Wire
- 2. Copper: conductor: wood:: Non Conductor
- 3. Length: metre scale: current:: **Ammeter**
- 4. 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.

## a. Both Assertion and reasoning is correct

- b. Assertion is correct but reason in wrong
- c. Assertion is wrong but reason is correct
- d. Assertion and Reason are incorrect
- 2. Assertion: Pencillin or ciprofloxacin

Reason: These medicines cures cow pox.

- a. Assertion is correct Reason is wrong
- b. Assertion is wrong reason is correct
- c. Assertion is wrong reason is also wrong
- d. Assertion is correct and reason is correct.

#### 6. Visual Communication

#### I. Choose the correct answer:

<u>.                                     </u>	Citable title Collect William Cit				
	1. The Keyboard shortcut is used to copy the selected text				
	a) Ctrl+c	b) Ctrl+v		Ctrl+v	
	c) Ctrl+x		d)	Ctrl+A	
	2. The Keyboard shortcut is used to cut the selected text				
	a) Ctrl+ c		b) Ctrl+v		
c) Ctrl+x			d) Ctrl+A		
3. How many types of page orientation are there in Libre of					
	a) 1	<b>(b)</b> 2	(c) 3	(d) 4	

- office Writer?
- 4. If the ruler is not displayed in the screen, \_\_\_\_\_ option is clicked.
  - b) view-> task

c) file-> save

a) View-> ruler

- d) edit->paste
- 5. The menu is used to save the document
  - a) File-> open

b) file-> print

c) file-> save

d) file->close