

Little Rose Academy High School  
Model Town  
HOLIDAYS HOMEWORK  
CLASS - VII



Have a great  
SUMMER VACATION

# **Class-7**

## **Subject - Science**

Roll Number ( 1 to 15 )

Make a working Model on Air pollution

Roll number ( 16 to 25 )

Make a working Model on water pollution

## MULTIPLE CHOICE QUESTIONS

1. Organisms which prepare food for themselves using simple naturally available raw materials are referred to as
  - (a) heterotrophs
  - (b) autotrophs
  - (c) parasites
  - (d) saprophytes
2. In the absence of which of the following will photosynthesis not occur in leaves?
  - (a) Guard cells
  - (b) Chlorophyll
  - (c) Vacuole
  - (d) Space between cells
3. Which of the following statements is/are correct?
  - (i) All green plants can prepare their own food.
  - (ii) Most animals are autotrophs.
  - (iii) Carbon dioxide is not required for photosynthesis.
  - (iv) Oxygen is liberated during photosynthesis.

Choose the correct answer from the options below:

- |                    |                  |
|--------------------|------------------|
| (a) (i) and (iv)   | (b) (ii) only    |
| (c) (ii) and (iii) | (d) (i) and (ii) |
4. Pitcher plant traps insects because it
    - (a) is a heterotroph.
    - (b) grows in soils which lack in nitrogen.
    - (c) does not have chlorophyll.
    - (d) has a digestive system like human beings.
  5. The term that is used for the mode of nutrition in yeast, mushroom and bread-mould is
    - (a) autotrophic
    - (b) insectivorous
    - (c) saprophytic
    - (d) parasitic

1. Choose the correct answer.

A. What is depositing a layer of zinc on iron called?

- a. Layering
- b. Galvanisation
- c. Sublimation
- d. Crystallisation

B. A chemical change always give rise to:

- a. at least two new products
- b. at least one new product
- c. water
- d. carbon dioxide

C. Crystallisation is an example of:

- a. a reversible physical change
- b. an irreversible physical change
- c. a reversible chemical change
- d. an irreversible chemical change

2. Define.

- a. Chemical reaction
- b. Rusting
- c. Crystallisation



कक्षा -सातवीं विषय -हिंदी

प्रश्न 1) अलग -अलग मौसमों में आपने प्रकृति में क्या बदलाव महसूस किए हैं? उस विषय पर लिखें।

प्रश्न 2) अपने स्कूल या घर के आसपास किसी प्राकृतिक जगह का वर्णन करें।

प्रश्न 3) अगर आपके स्कूल में ' हर्बल गार्डन' बनाया जाता है, तो आप उसमें कौन -से पौधे लगाना चाहोगे और क्यों?

प्रश्न 4) प्रकृति को सुरक्षित रखने के लिए हमें क्या -क्या उपाय करने चाहिए?

प्रश्न 5) आधुनिक सड़कों और बहु-मंजिला इमारतों का प्रकृति पर क्या असर पड़ता है?

प्रश्न 6) विलुप्त हो रही पक्षियों की प्रजाति का क्या कारण हो सकता है? लिखिए।

प्रश्न 7) आपको कौन -सा पौधा सबसे रोचक लगता है और क्यों?

प्रश्न 8) आपने किन-किन तरीकों से पानी, बिजली या कागज़ की बचत की? उस पर टिप्पणी लिखिए।

प्रश्न 9) मनुष्य को जीवित रहने के लिए प्रकृति से क्या -क्या चाहिए?

प्रश्न 10) प्रकृति डायरी किसे कहते हैं?





*f. Who drafted the Indian constitution?*

- 1. Pt. Nehru 2. Mahatma Gandhi 3. Lal Bahadur Shastri*
- 4. Dr. B.R. Ambedkar*

*g. What is the central feature of Democracy?*

- 1. Inequality 2. Discrimination 3. Equality 4. Restrictions*

*h. According to Universal Adult Franchise every adult has:*

- 1. No vote 2. One vote 3. Multiple vote d. All of these*

**Q2. Fill in the blanks:**

- 1. The Civil Rights Act was passed in \_\_\_\_\_.*
- 2. The Parliament is the cornerstone of our democracy, and we are represented in it through our \_\_\_\_\_.*
- 3. Omprakash Valmiki and the Ansaris were treated unequally on the basis of differences of \_\_\_\_\_ and \_\_\_\_\_.*
- 4. The Indian Constitution recognises every person as \_\_\_\_\_.*
- 5. The midday meal programme has helped increase the \_\_\_\_\_ and \_\_\_\_\_ of poor children in school.*
- 6. When people are treated unequally, their \_\_\_\_\_ is violated.*
- 7. \_\_\_\_\_ is an artificial lake where water is collected and kept in quantity for use.*
- 8. The full form of TMS is \_\_\_\_\_, a federation of \_\_\_\_\_.*

## : INSIDE OUR EARTH

## Geography

### I. Name the following:

- ☒ a. A person who studies the interior of the earth.
- ☒ b. The other name for the solid outer most layer of the earth.
- ☒ c. The material obtained from the earth's crust.
- ☒ d. Naturally occurring substance present in rocks.
- ☒ e. The rocks which are associated with volcanic eruption.
- ☒ f. The rocks formed either mechanically, chemically or organically.
- ☒ g. Rocks formed mostly under water having marks of waves+ mud -crackers.
- ☒ h. Factors affecting the original properties of rock as colour, texture, composite.
- ☒ i. The minerals providing source of power.
- ☒ j. The process where matter of the earth's crust is not lost.

### II. Correct the following statements:

- a. Rocks are formed from soil.
- b. In due course of time marble can change into limestone.
- c. Core is made up of heavy metals like silica and magnesium.
- d. The temperature in the mantle is very low.
- e. Magma is found in the core.
- f. Granite and dolerite are examples of sediment rocks.
- g. Mineral do not have a definite chemical compound.

### III. Fill in the blanks:

- a. Two examples of metamorphic rocks are \_\_\_\_\_ and \_\_\_\_\_.
- b. The hot molten magma forms \_\_\_\_\_ rocks on cooling.
- c. The \_\_\_\_\_ rocks contain valuable minerals as gold, silver, aluminium.
- d. Rocks having a high specific gravity are known as \_\_\_\_\_.
- e. The other name for core is \_\_\_\_\_.



## Chapter 2: New Kings and Kingdoms

1. Fill in the blanks:

- (a) \_\_\_\_\_ composed by learned Brahmanas.
- (b) Earlier the Chauhans were also known as \_\_\_\_\_.
- (c) \_\_\_\_\_ wrote Kitab-Al-Hind.
- (d) Settlements of peasants were known as \_\_\_\_\_.

2. Who were Maha-Samantas? Give an example.

3. What do you understand about Prashastis?

4. What is the importance of tripartite struggle?

5. Who was the most powerful Chola ruler? Who was his son?

6. Write a small note on the importance of temples.

7. What were the different methods used for irrigation?

8. What do you understand about the term, 'nadu'?

9. What do you mean by Brahmadeya?

10. State True or False:

- (a) Vetti is a type of tax taken in the form of forced labour.
- (b) Rajendra I was the Chola ruler who developed the Navy.
- (c) Gurjara-Pratihara Harichandra Dynasty was formed in Gujrat.
- (d) Temple of Somnath is situated in Rajasthan.

11. How many taxes were imposed in the Chola regime?



Class-7

Subject - English

Prepare the model on parts of speech

About animals. Fill in the blanks with 'can' or 'cannot'.

- 1 A fish \_\_\_\_\_ talk,  
but it \_\_\_\_\_ swim.



- 2 A bird \_\_\_\_\_ fly,  
but it \_\_\_\_\_ jump.



- 3 A monkey \_\_\_\_\_ fly,  
but it \_\_\_\_\_ climb trees.



- 4 A chicken \_\_\_\_\_ walk,  
but it \_\_\_\_\_ write.



- 5 A cat \_\_\_\_\_ eat,  
but it \_\_\_\_\_ read.



Fill in the blanks with is, am or are

1. Anil \_\_\_\_\_ swimming in the pool.

2. The school bell \_\_\_\_\_ ringing

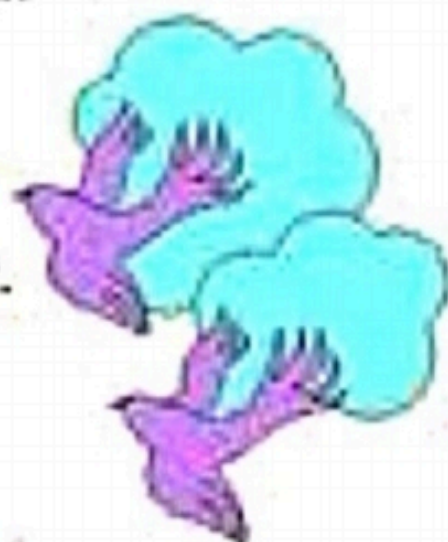


3. I \_\_\_\_\_ Mitthu.

4. Ships \_\_\_\_\_ sailing in the sea.

5. I \_\_\_\_\_ not a rabbit.

6. Birds \_\_\_\_\_ flying in the sky.



7. We \_\_\_\_\_ happy.

8. Raju and Bobby \_\_\_\_\_ friends.

9. These children \_\_\_\_\_ playing in the garden.

10. The Tiger \_\_\_\_\_ feeling hungry.

11. I \_\_\_\_\_ not an idiot.





Fill in the blanks with *a*, *an* or *the*.



- |                  |                        |
|------------------|------------------------|
| 1 _____ owl      | 7 _____ moon           |
| 2 _____ rocket   | 8 _____ Missouri River |
| 3 _____ apron    | 9 _____ mango          |
| 4 _____ sun      | 10 _____ animal        |
| 5 _____ page     | 11 _____ eagle         |
| 6 _____ computer | 12 _____ baby          |

## Exercise 2

Write *a*, *an* or *the* in the blanks to complete the sentences.

- 1 There is \_\_\_\_\_ rainbow in \_\_\_\_\_ sky.
- 2 Who is \_\_\_\_\_ man outside \_\_\_\_\_ gate?
- 3 \_\_\_\_\_ doctor gave Jane \_\_\_\_\_ injection.
- 4 Paul opened \_\_\_\_\_ door to let \_\_\_\_\_ dog in.
- 5 Mark is \_\_\_\_\_ only child in \_\_\_\_\_ family.
- 6 What's \_\_\_\_\_ largest animal in \_\_\_\_\_ world?
- 7 There's \_\_\_\_\_ nest in \_\_\_\_\_ tree.
- 8 Sue is writing \_\_\_\_\_ letter to her grandfather.
- 9 Jack has \_\_\_\_\_ brother and \_\_\_\_\_ sister



# Do Does Did

**Complete the sentences with Do /Does /Did according to the brackets.**

1. \_\_\_\_\_ you have a driver's license? ( Present tense )
2. What hours \_\_\_\_\_ she work on Monday? ( Present tense )
3. What \_\_\_\_\_ she eat for breakfast? ( Present tense )
4. When \_\_\_\_\_ you usually get home?
5. How \_\_\_\_\_ prisoners pass the whole day in prison? ( present tense)
6. \_\_\_\_\_ he come in with anyone else? ( past tense)
7. What \_\_\_\_\_ you see ? ( past tense )
8. What exactly \_\_\_\_\_ you know? ( present tense)
9. How \_\_\_\_\_ you practice your English? ( present tense )
10. I \_\_\_\_\_ n't read it at all.. ( past tense)
11. What questions \_\_\_\_\_ you ask yourself every day?
12. What would you \_\_\_\_\_ today if there is no more tomorrow?
13. What \_\_\_\_\_ he fear most in life? ( past tense)
14. Why \_\_\_\_\_ people cry? ( present tense)
15. What \_\_\_\_\_ the bible say about selfishness? ( present tense)

Identify the underlined nouns given below as abstract, proper, common, collective.

1. The Ganga is considered to be a holy river by Hindus.
2. Raman loves to eat chocolates.
3. Naina's bravery surprised everyone.
4. The class bought a bouquet for their teacher.
5. India gained independence only in 1947.
6. Ria found a litter of puppies under the shed she made for stray dogs.
7. Splash some water on your eyes when you feel sleepy during studies.
8. Did you know that about 70 percent of the planet is covered with



## Class 7 Maths Worksheet

### Simple Equations

1. Choose the correct option: If  $x - 6 = 2$ , then  $x =$  \_\_\_\_\_.  
A) 7  
B) 8  
C) 5  
D) 9
2. Find the value of  $b$ :  $b / 3 = -2$
3. Solve the equation by transposition method:  $0.5x + x/3 = 0.25x + 7$
4. Choose the correct option: The sum of two consecutive whole numbers is 43. The smaller number is \_\_\_\_\_.  
A) 21  
B) 22  
C) 23  
D) 24
5. Find the value of  $x$ : When  $7x + 1 = 36$ , then  $x = ?$
6. Find the value of  $x$ : If  $2x - 4 = 5 - x$ , then  $x = ?$
7. Choose the correct option: Twice a number when increased by 7 gives 25. The number is \_\_\_\_\_.  
A) 7  
B) 9  
C) 8  
D) 10
8. Solve the equations:  $9 + 22 \times 5$
9. Solve the following equation by trial and error method:  $x/8 = 9$
10. Solve the equation by transposition method:  $3/4 (x - 1) = x - 3$
11. A boat can travel 468 kms on 46.8 litres of petrol. How much petrol will it need to go 491 kms?

12. Choose the correct option: If  $4x - 3 = 17$ , then  $x =$  \_\_\_\_\_

- A) 4
- B) 3
- C) 5
- D) 1

13. Choose the correct value of  $x$ :  $x/4 - 4 = 1$

- A) 20
- B) 4
- C)  $1/4$
- D) 1

14. Solve the equations:  $8 + 53 = 1/8$

15. Find the value of  $x$ :  $2x = 10$

16. Find the value of  $x$ : When  $10x/9 = 80$ , then  $x = ?$

17. Teena is 3 years younger than his brother. If the sum of their ages is 32 years. What are their ages?

18. Choose the correct option: Two third of a number is greater than one third of the number by 5. The number is \_\_\_\_\_.

- A) 10
- B) 5
- C) 15
- D) 12

19. Solve the following equation by trial and error method:  $x/18 = 20$

20. Choose the correct value of  $x$ :  $x/4 + 1 = 2$

- A) 2
- B)  $1/4$
- C)  $1/2$
- D) 4

## Class 7 Maths Worksheet

### Data Handling

1. Fill in the blanks: Range of data is the \_\_\_\_\_ value. (highest/lowest)
2. The height of 10 girls when measured in cms are; 145, 160, 149, 138, 161, 142, 156, 159, 153, 151. What is the mean height of the girls?
3. Fill in the blanks: The mean of all the single digit natural numbers is \_\_\_\_\_  
A) 4.5  
B) 5
4. Find the range of 1st 10 natural numbers
5. Fill in the blanks: If a dice is thrown, the probability of getting number 0 is \_\_\_\_\_.
6. Heights of 25 children in a school are as given: 178, 175, 173, 170, 173, 171, 172, 174, 173, 172, 174, 173, 170, 173, 173, 175, 173, 172, 173, 174, 173, 170, 175, 173, 172. What is the mode of the heights?
7. If the mean of observation 20, 42, 35, 45 and x is 37, then x =  
A) 43  
B) 42  
C) 44  
D) 445
8. The height of 10 girls when measured in cms are; 145, 160, 149, 138, 161, 142, 156, 159, 153, 151. What is the range of data?

9. The population of four cities in India in a year is given below:

City	Mumbai	Kolkata	Delhi	Chennai
Population (In lakhs)	120	130	150	80

Construct bar graph and represent the data.