

# HARI VIDYA BHAWAN

Worksheet – 10

Class – VI

Chapter - Whole Numbers

Subject : Mathematics

Date : 21/04/2020

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## Instructions :

1. Complete these worksheets in any previous class notebooks or rough copy only.
2. This worksheet as your periodic test I. Marks would be given to those who complete it else you will have to go through pen paper test after the school reopens.
3. If you have any query related to worksheets ask your queries in whatsapp group between 11am -1 pm in morning and 5 pm – 7pm in the evening.
4. All the students must download Active app for all content related to chapter for completing worksheets.
5. **video link**  
<https://www.youtube.com/playlist?list=PLCzalJYXP5YctGibJ-pMFcaNBn-vAbC-I> and **book pdf (shared on the whatsapp group) for this worksheet as it will help you to understand the topic.**
6. Refer part 1 and part 2 from the video link

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1. Write down the smallest natural number.

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2. Write down the smallest whole number.

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3. Write down, if possible, the largest natural number.

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4. Write down, if possible, the largest whole number.

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5. Are all natural numbers also whole numbers?

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6. Are all whole numbers also natural numbers?

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7. How many whole numbers are there between 21 and 61?

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8. Fill in the blanks with the appropriate symbol < or >:

(i) 25 ..... 205

(ii) 170 ..... 107

(iii) 415 ..... 514

(iv) 10001 ..... 100001

(v) 2300014 ..... 2300041

# HARI VIDYA BHAWAN

## SOCIAL SCIENCE

### WORKSHEET - 10

**Topic :- Civics ( 1<sup>st</sup> chapter ) (Page no :- 194 to 200)**

**Class :- 6<sup>th</sup>**

**Date :- 21st April, 2020**

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#### **Q1) Choose the correct option :-**

1. India has about \_\_\_\_\_ languages.  
a) 500                      b) 2000                      c) 800                      d) 600
2. Kerala is known for its \_\_\_\_\_ with the west.  
a) Spice trade    b) silk trade    c) both a and b    d) none
3. The phrase “unity in diversity” was coined by \_\_\_\_\_  
a) Vincent Smith                      c) Mahatma Gandhi  
b) Jawaharlal Nehru                      d) Indira Gandhi

4. Ladakh is famous for its \_\_\_\_\_
- a) Pashmina wool
  - b) Spices
  - c) textiles
  - d) local attire
5. \_\_\_\_\_ is known as the leader of the Dalits.
- a) Dr. Rajendra Prasad
  - b) Guru Teg Bahadur
  - c) Dr. Bhim Rao Ambedkar
  - d) Sardar Vallabh Bhai Patel

**Q2) Fill in the blanks :-**

1. There are about 800 languages in India of which \_\_\_\_\_ are recognised by the Indian Constitution.
2. The people of Ladakh wear \_\_\_\_\_ clothes throughout the year.
3. Very little \_\_\_\_\_ is possible in Ladakh due to the scarcity of water.
4. Kerala is also referred to as \_\_\_\_\_.
5. India is known as a nation having \_\_\_\_\_.

# HARI VIDYA BHAWAN

## Worksheet – 10

### Class – VII

#### Chapter- Fractions and decimals

Subject : Mathematics

Date : 21/04/2020

#### Instructions :

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<https://www.youtube.com/playlist?list=PLCzalJYXP5Ycvwm57VcZGPPQTGz8dQPHw> and **book pdf(shared on the whatsapp group) for this worksheet as it will help you to understand the topic**
6. ( Refer part 4,5 and 6 from the given video link)

Q.1. Find the sum:

$$(i) 2 \frac{3}{5} + 4 \frac{7}{10} + 2 \frac{4}{15}$$

$$\text{Given } 2 \frac{3}{5} + 4 \frac{7}{10} + 2 \frac{4}{15}$$

First convert given mixed fractions into improper fractions

$$2 \frac{3}{5} + 4 \frac{7}{10} + 2 \frac{4}{15} = \frac{13}{5} + \frac{47}{10} + \frac{34}{15}$$

Taking LCM for 5, 10 and 15 we get 30

Now we have to convert the given fractions into equivalent fractions with denominator 30

$$2 \frac{3}{5} + 4 \frac{7}{10} + 2 \frac{4}{15}$$

$$= \frac{13}{5} + \frac{47}{10} + \frac{34}{15}$$

$$= \frac{13 \times 6}{5 \times 6} + \frac{47 \times 3}{10 \times 3} + \frac{34 \times 2}{15 \times 2}$$

$$= \frac{78}{30} + \frac{141}{30} + \frac{68}{30}$$

$$= \frac{287}{30}$$

$$(ii) 4 \frac{3}{4} + 9 \frac{2}{5}$$

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$$(iii) \frac{5}{6} + 3 + \frac{3}{4}$$

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$$(iv) \left(\frac{5}{8}\right) + \left(\frac{3}{10}\right)$$

# HARI VIDYA BHAWAN

CLASS – 7<sup>th</sup>

SOCIAL SCIENCE

WORKSHEET –10

DATE: 21/04/2020

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## GEOGRAPHY

### CHAPTER – 1

### ENVIRONMENT

### TEXTBOOK EXERCISE

(Page no. 100)

#### QA. Choose the correct answer and fill in the blanks.

1. The physical environment comprises of \_\_\_\_\_ components.  
(a) Biotic (b) abiotic (c) ecological
2. 29% of the lithosphere is occupied by \_\_\_\_\_.  
(a) Ocean (b) habitat (c) land
3. \_\_\_\_\_protects us from the harmful ultraviolet rays of the sun.  
(a) Nitrogen (b) ozone (c) oxygen
4. All energy for life comes from the \_\_\_\_\_.  
(a) Moon (b) sun (c)earth

#### Q B. State whether true or false.

1. Biological environment comprises of the living organisms\_\_\_\_\_.
2. The great variety of life on Earth is called biosphere\_\_\_\_\_.
3. All animals get their food directly or indirectly from plants\_\_\_\_\_.
4. Hydrogen gas protects us from the ultraviolet rays of the Sun\_\_\_\_\_.

**QC. Question and answer**

1. What do you understand by human environment?

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2. Why do human beings modify their environment?

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3. What is the significance of the biosphere?

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# HARI VIDYA BHAWAN

## Worksheet – 10

### Class – VIII

#### Chapter- 2: Linear equations in one variable

Subject : Mathematics

Date : 21/04/2020

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<https://www.youtube.com/playlist?list=PLCzalJYXP5Ye2HNCepygyzfHPJEZj1frR> **and book pdf(shared on the whatsapp group) for this worksheet as it will help you to understand the topic.**
6. Refer part 5,6 and 7 from the given video link

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Solve each of the following equations :

1.  $(2x+5)/3 = 3x - 10$

Solution:

$$(2x+5)/3 = 3x - 10$$

Let us simplify,

$$(2x+5)/3 - 3x = -10$$

By taking LCM

$$(2x + 5 - 9x)/3 = -10$$

$$(-7x + 5)/3 = -10$$

By using cross-multiplication we get,

$$-7x + 5 = -30$$

$$-7x = -30 - 5$$

$$-7x = -35$$

$$x = -35/-7$$

$$= 5$$

$$2. (a-8)/3 = (a-3)/2$$

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$$3. (7y + 2)/5 = (6y - 5)/11$$

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$$4. x(1/2) + 7x - 6 = 7x + 1/4$$

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# HARI VIDYA BHAWAN

CLASS – 8<sup>th</sup>

SOCIAL SCIENCE

WORKSHEET – 10

DATE: 21/04/2020

## General Instructions :-

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## GEOGRAPHY

### CHAPTER – 1

### OUR RESOURCES

### TEXTBOOK EXERCISE

(Page no. 138, 139)

#### Que 1 State whether true or false:

1. Nature, directly or indirectly, takes care of all our requirements. \_\_\_\_\_
2. The use of resources depends upon the level of technology. \_\_\_\_\_
3. Sunlight is an exhaustible resource. \_\_\_\_\_
4. Fossil fuels cannot be recycled. \_\_\_\_\_
5. Productivity does not depend on the political stability of a nation. \_\_\_\_\_

#### Que 2 Match the columns:

Column A	Column B
1. Migratory birds	a. inexhaustible
2. Sedimentary rocks	b. Biotic
3. Sand on the beaches	c. Non- renewable
4. Bituminous coal	d. Human- made
5. Home theatre	e. Abiotic

#### Que 3 Fill in the blanks:

1. All the elements of the environment that humans need and value are called \_\_\_\_\_.
2. The USA and the UK are \_\_\_\_\_ countries.
3. Minerals like iron, gold and silver can be \_\_\_\_\_.
4. The rate at which resources are produced are called \_\_\_\_\_.
5. We must not \_\_\_\_\_ our natural resources.

**Que 4 Answer the following questions:**

a. Name two minerals that can be recycled?

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b. Classify resources on the basis of their origin. Give examples?

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c. Explain why humans are considered to be the most important resource?

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