

HARI VIDYA BHAWAN

SUBJECT- SOCIAL SCIENCE

CLASS – IX

SESSION – 2020 – 21

WORK SHEET -2

Date – 26-03-20

ECONOMICS (CH-1) The Story of Village Palampur

Q1. HYV seeds stand for

- a) High Yielding Variety of seeds
- b) Half yielding variety of seeds
- c) Heavy yielding variety of seeds
- d) None of these

Q2. Raw material and money in hand are called

Q3. Define Green Revolution.

Q4. Name the non-farm activities of Palampur.

Q5. How do chemical fertilizers affect the soil? Write three points.

ACTIVITY: - Match the column A with the column B.

Column A	Column B
i. Well connected to Palampur, 3 km away	(a) Yarn
ii. First requirement for production of goods and services	(b) Raiganj
iii. Weaver	(c) Hire farm labours
iv. Medium and large farmers	(d) Land

WORK SHEET-02

SUBJECT – MATHEMATICS

CLASS – IX

CHAPTER – 1. NUMBER SYSTEM

SESSION - (2020-21)

1. Are the following statements true or false? Give reasons for your answers.
 - (i) Every whole number is a natural number.
 - (ii) Every integer is a rational number.
 - (iii) Every rational number is an integer.
2. Locate $\sqrt{3}$ on the number line.
3. Show that 9.753648 is a rational number. In other words, express 9.753648 in the form p/q , where p and q are integers and $q \neq 0$.
4. Write down five rational number between $1/5$ and $2/5$.
5. Constructing the 'square root spiral': (**activity**)

NOTES:-

- **FOR QUESTION 2** refer example 03
- **FOR QUESTION 3** refer example 06
- **FOR QUESTION 4** refer example 10
- **FOR QUESTION 5** refer exercise 1.2 Q4.
- **Rational numbers** are the numbers that can be written in the form of p/q where q is not equal to zero. i.e (they are terminating decimals or non-terminating but repeating decimals).
Examples: $5/7$, $9/1$, 0 , 4.25 (terminated decimal), $3.3333\dots$ (non-terminating but repeating decimal) etc.
- **Irrational numbers** are the numbers that cannot be written in the form of p/q . i.e (they are non-terminating & non-repeating decimals).
Examples: $1.01011011101111\dots$, $3.14159265358979\dots$ (π)(non-terminating & non-repeating decimals).

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SUBJECT-SOCIAL SCIENCE
SESSION – 2020-21
WORK SHEET-3
CLASS- X

26-03-2020

HISTORY CH-1 (THE RISE OF NATIONALISM IN EUROPE)

Q1. Define Nation.

Q2. What did the crown of oak leaves symbolize?

- a. Courage
- b. Heroism
- c. Peace

Q3. Who was the king of France at the time of French Revolution?

Q4. Who founded the revolutionary militia “Red Shirt”?

- a. Wilson
- b. Tsar Alexander
- c. Garibaldi

Q5. What was the significance of the treaty of Constantinople in Greek history?

ACTIVITY:- Which values are associated with the following:

- I. Broken chains
- II. Crown of oak leaves
- III. Sword
- IV. Olive branch around the sword
- V. Rays of the rising sun.

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Date – 26/03/2020

WORK SHEET-3

SUBJECT – MATHEMATICS

CLASS – X

CHAPTER – 1. REAL NUMBER

SESSION - (2020-21)

1. Change into rational form
(a) 13.457514 (b.) 0.123123123..... (c.) 4.0101010101... (
2. Prove that $1/\sqrt{2}$ is an irrational number.
3. Use Euclid's division lemma to show that the cube of any positive integer is of the form $9m$, $9m+1$ or $9m+8$.
4. Given that $\text{HCF}(280,674) = 2$, find $\text{LCM}(280,674)$.
5. Make a brief life sketch of any one of the grate Indian mathematician. (**Activity**)

NOTES:-

- **For questions 01** refer IXth NCERT TEXTBOOK.
- **For questions 02** refer NCERT Examples.
- **For questions 04** Use formula **$\text{LCM} \times \text{HCF} = \text{PRODUCT OF TWO NUMBERS}$**
- **For questions 05** visit www.youtube.com (watch documentary).