## APEX PUBLIC SCHOOL HOLIDAYS HOMEWORK CLASS - VIII

WISH YOU ALL A VERY HAPPY AND SAFE SUMMER VACATION STAY HOME AND STAY SAFE!!!!!

#### Holidays Home Work

#### Session-2020-21

Class - VIII

#### Subject-English

#### Task 1

Make a PowerPoint presentation on "How to increase immunity to fight diseases". (Hints: healthy ways of living, healthy eating habits, workout etc.)

There should be minimum 10-12 slides in the presentation. Mention your Name, Class and section in the end slide.

#### Task 2

Make a paper bag and write a meaningful message of your choice on it to "Spread awareness to save the Environment (Mother Earth)". Use your creativity and decorate the bag to make it best.

#### Task 3

Do the worksheet in your notebooks

Pick out the non-finite verb in the given sentence:

- 1. "What can I say to you for my mistake?"
- A. Can B. Say C. To you D. Mistake
- 2. An open door is a mark of invitation, isn't it?
- A. Is B. Open C. Mark D. Invitation
- 3. Would you like to have something cold?
- A. To have B. Would
- C. Something D. Have
- Talking in class is a bad habit.
- A. Is B. Habit C. Talking D. Class

\_\_\_\_\_

- 5. He watches cricket to get some entertainment.
- A. Watches B. Entertainment
- C. To get D. Some
- The fallen man did not get hurt.
- A. Hurt B. Did C. Fallen D. Man
- 7. Hitesh wanted to go on a tour of the whole world last year.
- A. Wanted B. Tour C. Whole D. To go
- Someone is calling your name again and again.
- A. Is calling B. Again C. Calling D. Is
- 9. 'The Shrieking Mummy' is a very scary film.
- A. Is B. Shrieking C. Scary D. Mummy
- 10. The secret of good bowling is in the release of the ball.
- A. Bowling B. Release C. Is D. Secret

#### Task 4

#### Worksheet 2

#### Underline the phrases used in the following sentences.

- The lion is an animal of great strength.
- 2. A homeless child has to spend his days in great misery.
- He listened to me with great attention.
- 4. Do not play with naughty boys.
- Calcutta is a city of thick population.
- 6. He is full of courage.
- 7. She was wearing a bangle made of gold.
- An old man lived beside the lake.
- 9. The boy stood on the burning deck.
- He wants to go home.

#### CLASS VIII SUBJECT- HINDI HOLIDAY HOME-WORK (2020-2021)

\* ऑनलाइन कक्षा में करवाए गए बोध हिन्दी पाठमाला-1 से 4 तक

पाठ-1 प्रार्थना, पाठ-2 घटती ओज़ोन परत-बढ़ता संकट, पाठ-3 पूर्वोत्तर भारत के रंग, पाठ-4 हिम्मत.और हौंसले की मिसाल

व्याकरण- पाठ-1 भाषा-विचार, पाठ-2 वर्ण-विचार, पाठ-4 शब्द-विचार, पाठ-6 संज्ञा एवं उसके भेद ।

उपरोक्त पाठों के प्रश्नोत्तर एवं अभ्यास-कार्य उत्तरपुस्तिका में लिखें एवं याद करें।

- \* हिन्दी व्याकरण विधि -पुस्तक से पर्यायवाची शब्द (पृष्ठ संख्या 61-66),विलोम शब्द (पृष्ठ.संख्या 67-73) याद करके उत्तरपुस्तिका में लिखें तथा इनसे संबंधित चार्ट, पोस्टर, कॉलाज़ भी बनाएँ।
- \* अनुच्छेद लेखन- अपनी उत्तरपुस्तिका में लिखें।
- \* पढ़ाई में खेल का महत्त्व
- \* प्रदूषण -एक समस्या
- \* संवाद लेखन- दिए गए विषय पर संवाद लेखन अपनी उत्तरपुस्तिका में लिखें।
- \* कोरोना वायरस क्या है? इस वायरस से बचने के लिए क्या उपाय किए जाने चाहिएँ?
   इस विषय पर पिता-पुत्र का संवाद लिखो।
- \* कोरोना वायरस पर एक सुंदर सा विज्ञापन बनाओ।
- \* व्याकरण से संबंधित किसी एक विषय पर चार्ट, पोस्टर, कॉलाज़ बनाइए।

#### CLASS -VIII SUBJECT- SANSKRIT HOLIDAY HOME-WORK (2020-2021)

- \* संस्कृत ज्ञान दीपिका
- \* पाठ-1 रमँयम् प्रभातम्, पाठ-2 अविस्मरणीया यात्रा, पाठ-3 अभ्यासेन सिद्यन्ति कार्याणि, पाठ-4 परोपकार: पुण्याय, पाठ-5वनमहोत्सव, पाठ-6 आरोग्य परम् सुखम्,पाठ-7 विद्याहीन: न शोभन्ते उपरोक्त पाठों के शब्दार्थ, हिन्दी अनुवाद, अभ्यास-कार्य अपनी उत्तरपुस्तिका में लिखें तथा याद करें।
- \* संख्यावाची शब्द-1-50 तक लिखें एवं याद करें।
- \* शब्द रूप- राम, लता, कवि तथा मति अपनी उत्तरपुस्तिका में लिखे़ एवं याद करें।
- \* धातु रूप- पठ्, लिख्, गम्, नम् लट् लकार, लंड. लकार, लृट लकार, एवं लोट् लकार में लिखें एवं याद करें। \* उपरोक्त लिखे गए विषयों में से किसी एक विषय पर सुंदर सा चार्ट , पोस्टर, कॉलाज़, बनाएँ।

#### HOLIDAY HOMEWORK OF SOCIAL STUDIES

- ➤ COMPLETE ALL THE WORKSHEETS IN SEPARATE NOTEBOOK.
- MAKE A CHART ON THE SIX FUNDAMENTAL RIGHTS.
- COMPLETE MAP OF FACTORIES AND AGENCIES OF THE EUROPEAN COMPANIES IN MAP OF INDIA.
- ➤ ON POLITICAL MAP OF INDIAN SUBCONTINENT, LOCATE THE AREA ANNEXED BY THE BRITISH UNDER THE SUBSIDARY ALLIANCE AND DOCTRINE OF LAPSE.



## WORKSHEET HISTORY CHAPTER-1 When, where and how?

#### Ques1. Word meanings

- 1. Administration
- 2. Imperialism
- 3. Brutality
- 4. Meticulous
- 5. Prudent

Ques2. What do you understand by term history?
Ques3. Define administrative record.
Ques4. History is divided under heads.
Ques5. In century feelings of nationalism appeared in India
Ques6. James mill was a economist.
Ques7. What do you mean by oral history?
Ques8. Aurangzeb , the last of the great Mughals had died in
Ques9. Identify the picture and answer the following questions



- 1. Where is museum of national archives located in India?
- 2. Which documents we can get from museum of national archives?

Ques 10. What was the first war of Indian independence called?

## WORKSHEET CHAPTER-2

#### THE ESTABLISHMENT OF COMPANY RULE IN INDIA

QUES1. Explain the following terms.

- Colonialism
- Mercantilism

Ques2. Who am 1?

- I led the British army against the French east India company during the battle of Wandiwash.
- I ordered not to fortify the trading posts in Bengal to the French and British east India companies.
- 3. I issued firman to the British east India company to enjoy

trading concessions in Bengal
Ques3. Briefly explain the Carnatic wars and their relevance.
Ques4. Write a short note on the English East India Company
Ques5. Discuss in detail the 'Treaty of Allahabad'

## WORKSHEET GEOGRAPHY CHAPTER-1 CATERING TO OUR NEEDS

- Which one of the following reason is best suitable as to why human beings are called the ultimate(best) resource on the earth?
  - Human beings can explore, develop and convert the natural resources into useful goods as per the abilities and demands.
  - b. The population of human beings in the world is ever-increasing
  - c. Human beings are Renewable resources
  - d. Human beings are found everywhere on earth
- Listed below are some important principles of sustainable development. Which one among them is not TRUE with respect to the principles of sustainable development
  - Respect and care for all forms of life
  - b. Conserve the earth vitality and diversity
  - Maximise the depletion of natural resources
  - d. Change personal attitude and practices toward the environment.

- These resources are inorganic in nature and constitute minerals, rocks, soils, etc.
  - a. Abiotic resources
  - b. Man-made resources
  - c. Biotic resources
  - d. Natural resources
- On the basis of the availability of supply, Natural resources can be classified as \_\_\_\_\_ and \_\_\_\_\_.
  - a. Ubiquitous and Localised resources
  - Renewable and Non-Renewable
  - c. Biotic and Abiotic resources
  - Actual and Potential resources.
- Name the term given to the resources that are drawn from Nature and used without much modification.
  - a. Depletable
  - b. Human made
  - c. Natural resources
  - d. Human
- Match the items given the Columns A Correctly with those given in Column B.

Column A	(a) A renewable source of energy	
(i) Resources		
(ii) Windmill	(b) Human-made resource	
(iii) Plants and trees	(c) Abiotic resources	

Column A	Column B
(iv) A vehicle	(d) Utility
(v) Rocks and minerals	(e) Biotic resources

#### Fill in the blanks:

- a. Air is a ubiquitous resource since it is found.........
- Using resources carefully and giving them time to get renewed is called...........
- d. An actual resource today might have been a.....resource some time ago.

#### State true or false:

- Water is not precious. We should not bother about its wasteful use.
- All sources and substances have equal economic value.
- We should minimize the depletion of natural resources.
- People are human-made resources.

#### 9. How the value of resources is measured?

10.Write a short note on the significance of time and technology in making a substance a resource.

## WORKSHEET GEOGRAPHY CHAPTER-2

#### LAND, SOIL AND WATER: THE BASIC RESOURCES

#### QUES1. Explain rain water harvesting.

#### Ques2. Define the following terms:

- 1. Recycle
- 2. Conservation
- 3. Terrace farming
- 4. Shelter belts
- 5. Erosion

#### Ques3. Tick the correct answers:

- 1. The bottom most layer of soil profile is called:
  - a) topsoil
  - b) subsoil
  - c) humus
  - d)parent rock
- 2. Which town is not situated along River Ganga?
  - a) Allahabad
  - b) Varanasi
  - c) Kochi
  - d) Rishikesh
- The collection of rainwater on the roofs or pits is called

- a) Water harvesting
- b) Mulching
- c) Terracing
- d) Shelter belts

Ques4. Give one word answer

- a) Trees planted along the fields to prevent erosion:
- b) Farming along the hill slope : \_\_\_\_\_

Ques5. What is land degradation?

Ques6. Draw the labelled diagram of soil profile.

Ques7 .Differentiate between afforestation and deforestation

Ques8. What are the various types of soil available in India? Explain.

Ques9. Draw a labelled diagram of water cycle?

Ques10. Make a collage on types of rainwater harvesting in India.

WORKSHEET

CIVICS

CHAPTER-1

THE RULE OF LAW AND SOCIAL JUSTICE

Ques1. Define the following term:

- a) Penal code
- b) Regime

Ques2. Tick the correct answers:

- 1. Which document contains the basic principles and laws that govern a country?
  - a) Dictionary
  - b) Constitution
  - c) Passport
- Mahatma Gandhi took up the salt march to protect against the :
  - a) Low price of salt under the British rule
  - b) Bad quality of salt sold under British rule
  - Monopoly of the British over manufactured o salt in India
  - d) Unavailability of salt in the Indian market

Ques3. Why is dowry regarded as a social evil in India? Suggest any two measures to control this evil practice in our society.

Ques4. What was the salt satyagraha movement about?

Ques5. Explain the following briefly:

- a) Dowry prohibition act
- b) Indian penal code

#### WORKSHEET

#### CIVICS

#### CHAPTER-2

#### VISION SET FORTH IN THE INDIAN CONSTITUTION

 Name the fundamental right that guarantees the citizens the right practise and propagate the religion they desire



- a. Freedom of Belief
- b. Freedom of Faith
- c. Freedom of Caste
- d. Freedom of Religion
- 2. Fundamental rights refer to:
  - a. The list of subjects of the state government
  - The basic rights which are granted to citizens for the holistic growth of the individuals,
  - c. The list of subjects of the central government
  - d. The list of subjects of both the state and central governments
- 3. The important fundamental rights to Equality is mentioned in which article of the constitution?
  - a. Article 14-18
  - b. Article 19-22
  - c. Article 23-24
  - d. Article 29-30
- 4. On which date the Indian Constitution came into effect?
  - a. on 26 November 1949
  - b. on 26 January 1950
  - c. on 26 September 1949
  - d. on 26 March 1950

- 5. Which one of the following is not a key feature of the Indian Constitution?
  - a. Separation of Power
  - b. Secularism
  - c. Presidential form of Government
  - d. Federalism

#### 6. Match the following:

Column A	Column B	
(i) Panchayati Raj	(a) Mahatma Gandhi	
(ii) Minorities have the right to preserve their own culture	(b) Third tier of government	
(iii) Father of the Nation	(c) Cultural and educational rights	
(iv) Constitution comes into force	(d) 26th January 1950	

#### 7. Fill the blanks:

a.	The Indian State has a form of government.
b.	The Constitution of India guarantees for all citizens.
	Under the Right against Exploitation the Constitution
	prohibits and children working
	underyears of age.

 d. In 1934, the Indian National Congress made the demand for a.....

- 8.A secular state does not officially promote any one religion as the state religion. State whether True/False.
  - 9.What is a democracy?
  - 10.What did the members of the Constituent Assembly do to overcome their fear?

# HOLIDAYS HOMEWORK CLASS-VIII SUBJECT-SCIENCE

#### **PHYSICS**

 Revise "Ch.-Force and Pressure" and "Friction".

Complete exercise work in physics notebook.

- Do exercise questions (SOME QUESTIONS FROM NCERT) given on page no170, 171 and 182 in book.
- Make a power point presentation on any one of the following topic
- i) Advantages and disadvantages of FRICTION
- ii) "Bollywood music in 1960, 1980 and now". (Difference in the sound track, lyrics, background music and instrument used in each era)
- iii) "Man's thoughtless activities are also one of the major causes of natural calamities"
- iv) "Application of pressure in daily life"

#### CHEMISTRY

Revise "Ch.-Metals and non-metals"

Complete exercise work in chemistry

#### notebook

- DO exercise question (SOME QUESTIONS FROM NCERT) given on page no.70 and 71.
- Prepare Index card for any four metals and non-metals. The card should have information like name of metal/nonmetal; its physical and chemical properties and its uses.
- Make a power point presentation on alternatives to fossil fuels.

NOTE-Presentation can be a power point or in a-4 size sheets.

#### **BIOLOGY**

 Revise all the in text questions of chapter Microorganisms and crop production.

ii) Write an essay on useful and harmful microbes along with the

pictures collected from magazines and old books.

ii) Write a note on traditional and modern methods of agriculture.

### HOLIDAYS HOMEWORK (2020-21) CLASS VIII - MATHEMATICS

<u>Instructions:</u> The below stated worksheets are to be done in Separate notebook or A4 size white sheet. Do worksheets of ch-1 Rational numbers, ch-2 Exponents and powers and ch-3 Squares and square roots

#### Worksheet number: -1 Rational Numbers

1. Using appropriate properties find:

(a) 
$$\left[ -\frac{2}{3} \times \frac{3}{5} + \frac{5}{2} - \frac{3}{5} \right] =$$

$$\frac{2}{(b)}$$
  $\times \left[\frac{-3}{7} + \left(\frac{-1}{6}\right)\right] =$ 

Write the additive inverse of each of the following :

(a) 
$$\frac{2}{8}$$
 (b)  $\frac{-6}{(5)}$  (c)  $\frac{2}{(6)}$  (d)  $\frac{19}{-9}$  (e)  $\frac{19}{-6}$ 

3. Verify that (-x) = x for

a) 
$$x = \frac{11}{15}$$
 b)  $x = \frac{-13}{17}$ 

4. Name the property under multiplication used in each of the following:

$$\frac{-4}{5} \times 1 = 1 \times \frac{-4}{5}$$

5. Name the property under multiplication used in each of the following:

$$\frac{-4}{5} \times 1 = 1 \times \frac{-4}{5} = \frac{-4}{5}$$

$$\frac{-13}{17} \times \frac{-2}{7} = \frac{-2}{7} \times \frac{-13}{17}$$

- 6. Multiply  $\frac{6}{13}$  by the reciprocal of  $\frac{-7}{16}$
- 7. Tell what property allows you to compute

$$\frac{1}{3} \times \left[6 \times \frac{4}{3}\right] \operatorname{as} \left[\frac{1}{3} \times 6\right] \times \frac{4}{3}$$

$$\frac{8}{3}$$
  $-1\left[\frac{1}{8}\right]$ 

8. Is 9 the multiplicative inverse of

Why or why not?

- 9. Is 0.3 the multiplicative inverse of  $3 \left[ \frac{1}{3} \right]$  Why or why not?
- 10. Write:
  - (a) The rational number that does not have a reciprocal.
  - (b) The rational numbers those which are equal to their reciprocals.
  - (c)The rational number that is equal to its negative.
- 11. Fill in the blanks:
  - (a)Zero has\_\_\_\_\_ reciprocal.
  - (b) The numbers \_\_\_\_\_ and \_\_\_\_ are their own reciprocals.
  - (c)The reciprocal of -5 is\_\_\_\_\_

- (d)Reciprocal of 1/x, where  $x \neq 0$  is\_\_\_\_\_
- (e)The product of two rational number is always a\_\_\_\_\_ (f)The reciprocal of a positive rational number is\_\_\_\_\_
- 12. Represent these numbers on a number line:

- 13. Represent 11, 11, 11 on the number line.
- 14. Write five rational numbers which are smaller than 2.
- 15. Find ten rational numbers between  $\frac{-2}{5}$   $\frac{1}{and}$
- 16. Write five rational numbers greater than 2
- 17. Find ten rational numbers between

$$\frac{3}{5}$$
  $\frac{3}{4}$ 

18. Find 
$$\left[\frac{-6}{11}\right] + \left[\frac{-8}{21}\right] + \frac{5}{22}$$

$$\frac{-4}{19. \text{ Find}} = \frac{-4}{5} \times \frac{3}{7} \times \frac{15}{16} \times \left[ \frac{-14}{9} \right]$$

- 20. Write the additive inverse of the following:
  - (a)  $\frac{-7}{19}$  (b)  $\frac{21}{112}$

- 21. Verify that (-x) is the same as x for:
  - (a)  $x = \frac{13}{7}$  (b)  $x = \frac{-21}{31}$

(b) 
$$x = \frac{-21}{31}$$

22. Find 
$$\frac{2}{5} - \frac{3}{7} - \frac{1}{14} - \frac{3}{7} \times \frac{1}{14}$$

- 23. Write any three rational numbers between -2 and 0
- Find any ten rational numbers between

#### Worksheet number :- 2 Exponents and Powers (one mark questions)

Q1. Simplify:

$$(-2)^5 \div (-2)^8$$

- Q2. Simplify: (-3)2 x (5/3)2
- Q 3. Express 0.0000000000406 in standard form.
- Q 4. Express 3 x 10<sup>-7</sup> in usual form.
- Q 5. Evaluate 6<sup>-2</sup>.
- Q 6. Write 0.000021 in standard form.
- Q 7. Write 41860000000 in standard form.
- Q 8. Express 4.5 x 10<sup>4</sup> in usual form.
- Q 9. Evaluate: (2<sup>-1</sup> + 3<sup>-1</sup> + 4<sup>-1</sup>)<sup>0</sup>
- Q 10. Find the value of  $(4^{-1} \times 2^{-1}) \times 3^{-1}$ .
- Q 11 .Expand 1526.26 using exponents.
- (2 marks) questions
- Q 12. Expand 1026.13 using exponents.

- Q 13. Find x such that  $(-2)^{x+1} \times (-2)^5 = (-2)^7$ .
- Q 14. Express 8<sup>-3</sup> as power with the base 2.
- Q 15. Simplify  $(-2)^{-3}$  x  $(-3)^{-3}$  x  $(4)^{-3}$  and write the answer in exponential form.
- Q 16. Find the value of  $(4^{\circ} + 3^{-1}) \times 3^{2}$ .

Q 17. Find the 
$$\left(\frac{1}{2}\right)^{-2} + \left(\frac{1}{3}\right)^{-2} + \left(\frac{1}{4}\right)^{-2}$$
 value of 
$$(-3)^4 \times \left(\frac{1}{3}\right)^4$$

Q

18.Simplify:

(3 marks) questions

Simplify 
$$\left[ \left( \frac{1}{3} \right)^{2} - \left( \frac{1}{2} \right)^{2} \right] \div \left( \frac{1}{4} \right)^{2}$$

Evaluate 
$$\left(\frac{5}{9}\right)^{-7} \times \left(\frac{9}{5}\right)^{-4}$$

Q 21. Find 'a' such that  $(-5)^{a+2} \times (-5)^4 = (-5)^9$ .

Q 22. Simplify 
$$\left[\frac{2}{3}\right]^{-7} \times \left[\frac{3}{2}\right]^{-5}$$

Q 23.

Simplify 
$$\frac{25 \times a^{-4}}{5^{-3} \times 10 \times a^{-8}}$$
, Where  $a \neq 0$ 

Q 24.Compare the size of a red blood cell which is 0.000007 m to that of a plant cell which is 0.00001275 m.

#### Worksheet number :-3 Squares and Square Roots

- Q 1. Find the square root of 729. Mark (1)
- Q 2 . Without adding find the sum of 1 + 3 + 5 + 7 + 9 + 11 + 13 + 15Mark (1)
- Q 3. Express 19<sup>2</sup> as sum of two consecutive integer Mark (1)
- Q 4. How many numbers lie between squares of 99 and 100? Mark (1)
- Q 5. Find the square of 35 (without actual multiplication). Mark (1)
- Q 6. Find the number of digits in the square root of 390625. Mark (1)

- Q 7. Find the square root of 3136 by division method. Marks (2)
- Q8. The area of a square plot is 4489 m<sup>2</sup>. Find the side of the square plot. Marks

(2)

- Q 9. Find the square root of 7.29. Marks (2)
- Q 10. Find the greatest 4-digit number which is a perfect square. Marks (2) Q 11. Find the side of a square whose area is 1024 m<sup>2</sup>. Marks (2)
- Q 12 Find the square root of :  $\frac{225}{3136}$  Marks (2)
- Q 13. Find the square root of 36 by successive subtraction. Marks (2)
- Q 14. Find the smallest square number which is divisible by each of the numbers 4, 9 and 10. Marks (3)
- Q 15. 2025 students are made to stand in a field in such a way that each row contains as many students as the number of rows. Find the number of rows and the number of students in each row. Marks (3)
- Q 16. Find the least number that must be added to 893304 to obtain a perfect square. Marks (3)
- Q 17. A society collected Rs 2401. Each member collected as many rupees as there were members. How many members were there and how much did each contribute? Marks (4)
- Q 18.Find the square root of 2 correct up to two places of decimal. Marks (4)

Q 19. Determine whether a square of the 38 is even or odd.

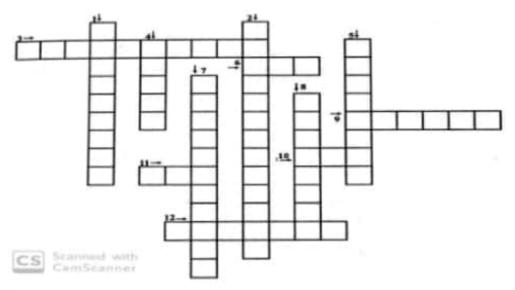
Q 20. Why the number 1053 is not perfect squares?

Q 21. What will be the unit digit in the square of 23?

Q 22. Determine whether the square of the 213 is even or odd.

Find the value of 
$$\frac{\sqrt{3249} - \sqrt{2209}}{\sqrt{361} - \sqrt{81}}$$
.

following crossword with the help of clues.



#### Across:

- Longest side in a right triangle.
- Hypotenuse and one side of right triangle are respectively equal to hypotenuse and one side of another triangle. (Congruency Criteria)
- Side opposite to greater angle.
- Three sides of one triangle are equal to corresponding sides of another triangle (congruency criteria)
- Two angles and included side of one triangle are respectively equal to two angles and the included side of another (congruency criteria)
- Sum of two sides in triangle is \_\_\_\_\_ than third side.

#### Down:

- 1. Two circles of same radii.
- 2. Of all the line segments drawn top a line from a point not lying on it \_\_\_\_\_

distance is the shortest.

- 4. Side opposite to equal angles.
- 5. Angle opposite to shortest side.
- 7. Triangles having all sides equal.
- 8. Triangles having two sides equal.

Learn and write square and square root of 1 to 30 from the table given below.

#### **Square and Square Root Table**

Square	Square Root	Square	Square Root
$1^2 = 1$	$\sqrt{1} = 1$	$16^2 = 256$	$\sqrt{256} = 16$
$2^2 = 4$	√4 = 2	$17^2 = 289$	$\sqrt{289} = 17$
$3^2 = 9$	$\sqrt{9} = 3$	18 <sup>2</sup> = 324	$\sqrt{324} = 18$
$4^2 = 16$	$\sqrt{16} = 4$	$19^2 = 361$	$\sqrt{361} = 19$
$5^2 = 25$	$\sqrt{25} = 5$	$20^2 = 400$	$\sqrt{400} = 20$
$6^2 = 36$	$\sqrt{36} = 6$	$21^2 = 441$	$\sqrt{441} = 21$
$7^2 = 49$	$\sqrt{49} = 7$	$22^2 = 484$	$\sqrt{484} = 22$
$8^2 = 64$	$\sqrt{64} = 8$	$23^2 = 529$	$\sqrt{529} = 23$
$9^2 = 81$	$\sqrt{81} = 9$	$24^2 = 576$	√576 = 24
$10^2 = 100$	$\sqrt{100} = 10$	$25^2 = 625$	$\sqrt{625} = 25$
$11^2 = 121$	$\sqrt{121} = 11$	$26^2 = 676$	$\sqrt{676} = 26$
$12^2 = 144$	$\sqrt{144} = 12$	$27^2 = 729$	$\sqrt{729} = 27$
$13^2 = 169$	$\sqrt{169} = 13$	$28^2 = 784$	$\sqrt{784} = 28$
$14^2 = 196$	$\sqrt{196} = 14$	$29^2 = 841$	$\sqrt{841} = 29$
$15^2 = 225$	$\sqrt{225} = 15$	$30^2 = 900$	√900 = 30

# MAKE YOUR LIFE STRESS FREE AND FULL OF BRIGHT COLOURS!! ART HOLIDAY HOMEWORK CLASS VIII JUNE (UNIT-3 BLACK PENCIL SHADING)

- · Cock .Cat
- · Elephant
- .Palm Tree .Clothing and Folds

-Composition .Light and Shadow Effect