

**CLASS VI (MATHS)**

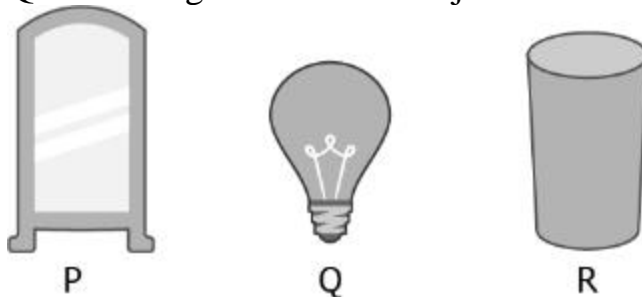
- a) Chapter 2:
  - i. Whole Numbers- Ex 2.1 & 2.3
- b) Chapter 5:
  - ii. Understanding Elementary Shapes- Ex 5.1 to 5.5
  - iii. Make charts from book of different types of shapes and write properties.
- c) Chapter 6:
  - iv. Integers- Ex 6.2 & 6.3
- d) Chapter 7:
  - v. Fraction- Ex 7.2, 7.3, 7.4 & 7.6
- e) Chapter 8
  - vi. Decimals- Ex 8.3 to 8.6

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**CLASS VI (SCIENCE)**

**Solve the following question in your science homework notebook**

Q1 The image shows three objects made of glass.



Which object has the ability to emit light? (a) Only P

(b) Only Q (c) Only P and Q (d) Only P and R

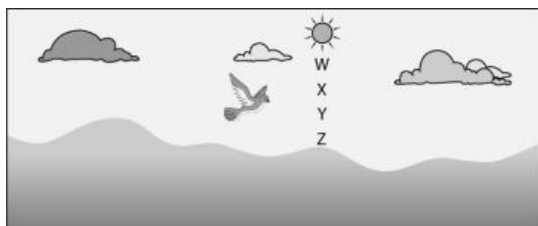
Q2. A student stands in front of a lamp to produce the shadow of his body. The shadow of the boy is formed on the screen as shown.



What can be concluded from the observation regarding formation of the shadows?

- (a) the screen must be placed in front of the opaque object
- (b) the opaque object must be placed behind the source of light
- (c) the opaque object must be placed between source of light and the screen
- (d) the source of light must be placed between the opaque object and the screen

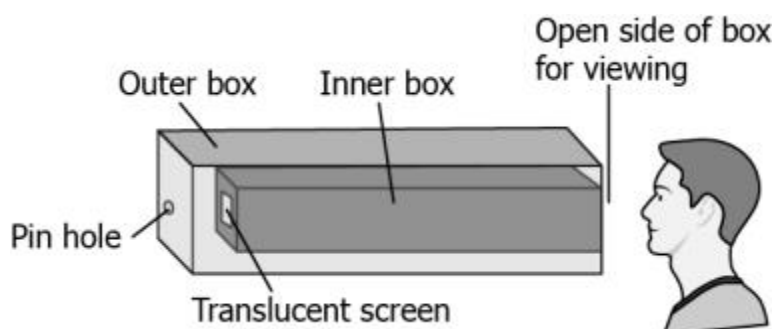
Q3 A student learns that the closer the object to the source of light, larger the shadow will be formed on the surface. The image shows the bird flying under the sun and four different position.



At which position the shadow of the bird will be larger?

- (a) at W (b) at X (c) at Y (d) at Z

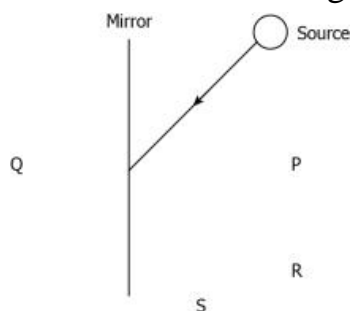
Q4. The image shows a pinhole camera.



Where does the image of the object in the pinhole camera form?

- (a) at the pinhole
- (b) at the translucent screen
- (c) on the inner surface of the inner box
- (d) on the upper surface of the outer box

Q5. A student flashed a light from source on a mirror, as shown



In which direction is the light likely to be reflected from the mirror?

- (a) towards P (b) towards Q (c) towards R (d) towards S



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Q6. A student covered a torch with a red cellophane sheet to obtain red light. Using the red light she obtains a shadow of an opaque object. She repeats this activity with green and blue light. Will the colour of the light affect the shadow? Explain.

Q7. Is the air around us always transparent? Discuss.

Q8. Three identical towels of red, blue and green colours are hanging on a clothesline in the sun. What would be the colour of shadows of these towels?

Q9. Using a pinhole camera a student observes the image of two of his friends, standing in sunlight, wearing yellow and red shirts respectively. What will be the colours of the shirts in the image?

Q10. A football match is being played at night in a stadium with flood lights ON. You can see the shadow of a football kept at the ground but cannot see its shadow when it is kicked high in the air. Explain.

Q11. What is an electric cell?

Q12. How is an electric bulb connected to the cell? Show by a diagram.

Q13. What is electric circuit?

### **Project**

1. Prepare pinhole camera using cardboard and tracing paper.
2. Prepare a simple torch using waste materials.

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**CLASS VI (HINDI)**

1. बाल रामकथा के निम्नलिखित पाठों में से तीन-तीन प्रश्न बनाकर उनके उत्तर भी लिखो और याद करो  
-सोने का हिरण, सीता की खोज, राम और सुग्रीव,
2. वसंत भाग 1 के निम्नलिखित पाठों का सारांश अपने शब्दों में लिखो और सभी पाठों के अंत में दी गई "भाषा की बात" याद करें  
-जो देखकर भी नहीं देखते, संसार पुस्तक है, मैं सबसे छोटी हूं, लोकगीत, नौकर
3. अपने मित्र को जन्मदिन की बधाई देते हुए एक पत्र लिखिए/
4. लगभग 100 शब्दों में अनुच्छेद लेखन कीजिए  
-वृक्षों के लाभ, विद्यार्थी जीवन,
5. प्राचार्य जी को 2 दिन के अवकाश हेतु एक प्रार्थना पत्र लिखो।

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**CLASS VI (ENGLISH)**

- 1) Write a Notice lost / found
- 2) Write the meaning and synonyms of  
Vocabularies given below and write it's uses in sentence
  - a) Abundant
  - b) Complexity
  - c) Evade
  - d) Solitude
  - e) Deteriorate
  - f) Persistent
  - g) Serene
  - h) Sabotage
  - i) Contemplate
  - j) Prejudice
- 3) Write a short notes william Shakespeare (150-200)
- 4) Maintain news headlines (7 days)



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**CLASS VI (SOCIAL SCIENCE)**

1. Revise following chapter for PT 2:

**Political Science:**

Ch-6 Rural Administration and

Ch-7. Urban

**History:**

Ch-6. Questions and ideas

Ch-7. From Kingdom to an Empire

**Geography:**

Ch-4. Maps

Ch-5. Major domains of the earth

2. Complete all the chapters(notes and question answers)completed till date specially those students who haven't completed the chapters .
3. Mark following places on outline political map of India:  
Nalanda, Sarnath, Bodh Gaya, Patliputra, Sanchi, Ujjain, Taxila and Kalinga
4. Mark following on outline map of the world:  
Asia, Africa, North America, South America, Antarctica, Europe, Australia, Pacific Ocean, Atlantic Ocean, Indian Ocean, Ural Mountains and Isthmus of Panama.
5. Cut outline of the continents from an outline map of the world and try to fit them together as a jigsaw puzzle and paste it in your notebook.



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## CLASS VII (ENGLISH)

BIO sketch on MAMANG Dai/API abdul kalam/ Neeraj Chopra

- 1) Write a Notice lost / found
- 2) Write a poem on Parents/ Friends
- 3) Identify the tenses used in following sentences-
  - A) They admonished the child.
  - B) We are working on a new project.
  - C) He has got a good job.
  - D) She has been working on that project for two months.
  - E) I had been running for two hours.
  - F) They had already left.
  - g) They were holidaying in Malaysia.
  - H) She will help us.
  - I) She has never run away from her responsibilities.
  - J) They have been living in this town for twenty years.

5) write news headlines (7days)

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## CLASS VII (SCIENCE)

### **MULTIPLE CHOICE QUESTIONS**

1. Which of the following parts of a plant take part in sexual reproduction?
  - (i) Flower
  - (ii) Seed
  - (iii) Fruit
  - (iv) Branch

Choose the correct answer from below.

- (a) (i) and (ii)
  - (b) (i), (ii) and (iii)
  - (c) (iii) and (iv)
  - (d) (ii), (iii) and (iv)
2. Lila observed that a pond with clear water was covered up with a green algae within a week. By which method of reproduction did the algae spread so rapidly?
  - (a) Budding
  - (b) Sexual reproduction
  - (c) Fragmentation
  - (d) Pollination
3. Seeds of drumstick and maple are carried to long distances by wind because they possess
  - (a) winged seeds
  - (b) large and hairy seeds
  - (c) long and ridged fruits
  - (d) spiny seeds
4. The 'eye' of the potato plant is what
  - (a) the root is to any plant.
  - (b) the bud is to a flower.
  - (c) the bud is to *Bryophyllum* leaf.
  - (d) the anther is to stamen.



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5. The ovaries of different flowers may contain
- (a) only one ovule
  - (b) many ovules
  - (c) one to many ovules
  - (d) only two ovules
6. Which of the following statements is/are true for sexual reproduction in plants?
- (i) Plants are obtained from seeds.
  - (ii) Two plants are always essential.
  - (iii) Fertilisation can occur only after pollination.
  - (iv) Only insects are agents of pollination.
- Choose from the options given below.
- (a) (i) and (iii)
  - (b) (i) only
  - (c) (ii) and (iii)
  - (d) (i) and (iv)
7. Pollination refers to the
- (a) transfer of pollen from anther to ovary.
  - (b) transfer of male gametes from anther to stigma.
  - (c) transfer of pollen from anther to stigma.
  - (d) transfer of pollen from anther to ovule.

**VERY SHORT ANSWER QUESTIONS**

8. Fungus, moss and fern reproduce by a common method of asexual reproduction. Name the method.
9. Pick the odd one out from the following on the basis of mode of reproduction and give reason for it.

Sugarcane, Potato, Rice, Rose

10. Boojho had the following parts of a rose plant – a leaf, roots, a branch, a flower, a bud and pollen grains. Which of them can be used to grow a new rose plant?

11. Which type of pollination does the Figure 12.1 indicate?

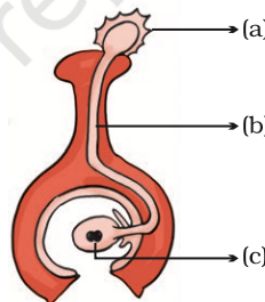


**Fig. 12.1**

12. One morning as Paheli strolled in her garden she noticed many small plants which were not there a week ago. She wondered where they had come from as nobody had planted them there. Explain the reason for the growth of these plants.

**SHORT ANSWER QUESTIONS**

13. In the diagram given in Figure 12.2 label the parts marked (a), (b) and (c).

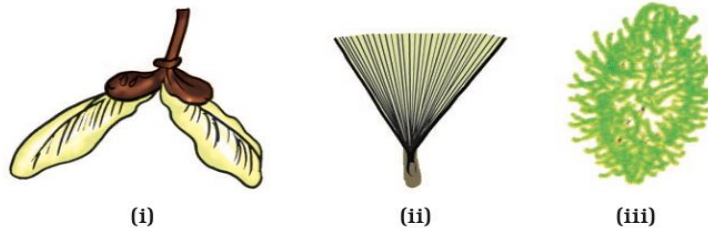


**Fig. 12.2**

14. When you keep food items like bread and fruits outside for a long time especially during the rainy season, you will observe a cottony growth on them.
- (a) What is this growth called?
- (b) How does the growth take place?



15. Group the seeds given in Figure 12.3 (i) to (iii) according to their means of dispersion.
- (a) Seed dispersed by wind
  - (b) Seed dispersed by water
  - (c) Seed dispersed by animal



**Fig. 12.3**

16. Coconut is a large and heavy fruit. How is it adapted for dispersal by water?

## LONG ANSWER QUESTIONS

17. In the figure of a flower given in Figure 12.4, label the parts whose functions are given below and give their names.
- (a) The part which contains pollen grains.
  - (b) The part where the female gamete is formed.
  - (c) The female reproductive part where pollen grains germinate.
  - (d) The colourful part of flower which attracts insects.



**Fig 12.4**

18. Fill in the blanks with correct terms.

The male and female gametes fuse to form a \_\_\_\_\_(a)\_\_\_\_\_ during the process of \_\_\_\_\_(b)\_\_\_\_\_. This grows into an \_\_\_\_\_(c)\_\_\_\_\_ which is enclosed within a seed. After fertilisation the ovules develop into \_\_\_\_\_(d)\_\_\_\_\_ and the ovary develops into a \_\_\_\_\_(e)\_\_\_\_\_.

19. In the diagram of a bisexual flower given as Figure 12.5, draw the missing part and label the parts marked (a), (b) and (c). Also label the missing part that you draw.

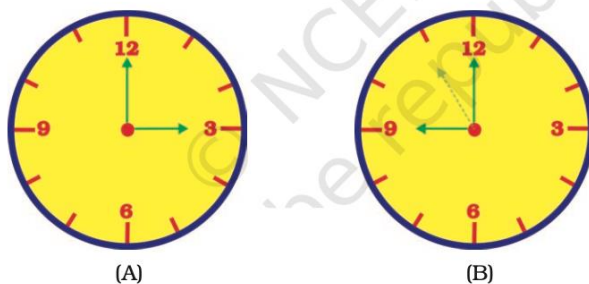


**Fig. 12.5**

20. Write how the following seeds are dispersed.
- (a) Seeds with wings.
  - (b) Small and light seeds.
  - (c) Seeds with spines/hooks.

**MULTIPLE CHOICE QUESTIONS**

- Which of the following cannot be used for measurement of time?
  - A leaking tap.
  - Simple pendulum.
  - Shadow of an object during the day.
  - Blinking of eyes.
- Two clocks A and B are shown in Figure 13.1. Clock A has an hour and a minute hand, whereas clock B has an hour hand, minute hand as well as a second hand. Which of the following statement is correct for these clocks?



**Fig 13.1**

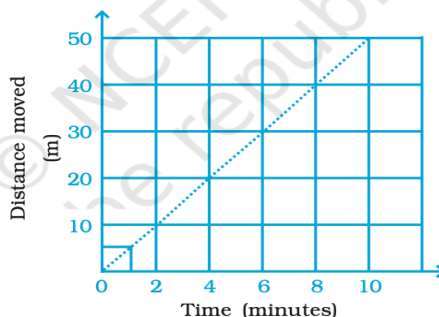
- A time interval of 30 seconds can be measured by clock A.
  - A time interval of 30 seconds cannot be measured by clock B.
  - Time interval of 5 minutes can be measured by both A and B.
- Two students were asked to plot a distance-time graph for the motion described by Table A and Table B.

**Table A**

Distance moved (m)	0	10	20	30	40	50
Time (minutes)	0	2	4	6	8	10

**Table B**

Distance moved (m)	0	5	10	15	20	25
Time (minutes)	0	1	2	3	4	5



**Fig 13.2**

The graph given in Figure 13.2 is true for

- both A and B.
- A only.
- B only.
- neither A nor B.

### VERY SHORT ANSWER QUESTIONS

10. A simple pendulum is oscillating between two points A and B as shown in Figure 13.5. Is the motion of the bob uniform or non-uniform?

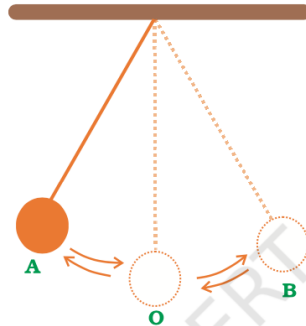


Fig. 13.5

11. Paheli and Boojho have to cover different distances to reach their school but they take the same time to reach the school. What can you say about their speed?
12. If Boojho covers a certain distance in one hour and Paheli covers the same distance in two hours, who travels in a higher speed?

### SHORT ANSWER QUESTIONS

13. Complete the data of the table given below with the help of the distance-time graph given in Figure 13.6.

Distance (m)	0	4	?	12	?	20
Time (s)	0	2	4	?	8	10

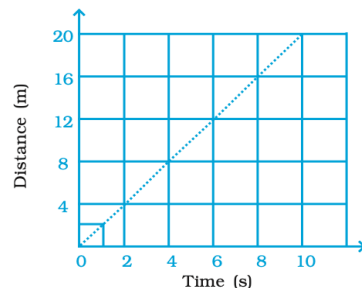


Fig. 13.6

14. The average age of children of Class VII is 12 years and 3 months. Express this age in seconds.
15. A spaceship travels 36,000 km in one hour. Express its speed in km/s.
16. Starting from A, Paheli moves along a rectangular path ABCD as shown in Figure 13.7. She takes 2 minutes to travel each side. Plot a distance-time graph and explain whether the motion is uniform or non-uniform.

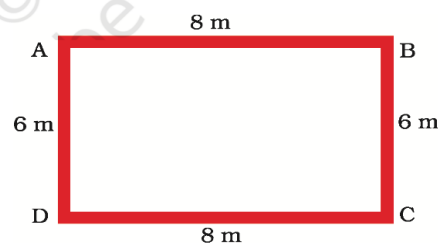


Fig 13.7



**CLASS VII (HINDI)**

1. बाल महाकथा के निम्नलिखित पाठों में से तीन-तीन प्रश्न बनाकर उनके उत्तर भी लिखो और याद करो/

- पांडवों और कौरवों के सेनापति
- पहला, दूसरा, तीसरा दिन
- चौथा, पांचवा, छठा दिन
- सातवां, आठवां नवां दिन
- भीष्म शर शय्या पर
- बाहरवां दिन
- अभिमन्यु

युधिष्ठिर की चिंता और कामना

2. वसंत भाग 2 के निम्नलिखित पाठों का सारांश अपने शब्दों में लिखो और सभी पाठों के अंत में दी गई "भाषा की बात" याद करें

- एक तिनका
- खानपान की बदलती तस्वीर
- नीलकंठ
- भौर और बरखा
- वीर कुंवर सिंह
- धनराज पिल्ले

3. अपने मित्र को जन्मदिन की बधाई देते हुए एक पत्र लिखिए/

4. लगभग 100 शब्दों में अनुच्छेद लेखन कीजिए

वृक्षों के लाभ, विद्यार्थी जीवन,

6. प्राचार्य जी को 2 दिन के अवकाश हेतु एक प्रार्थना पत्र लिखो।



### CLASS VII (MATHS)

- Chapter 2:- Fraction and decimals- Ex 2.2 to 2.7
- Chapter 6:- The triangle and its properties.
  - I. Make chart on different types of triangle and write its properties.
  - II. Learn all exercise: 6.1 to 6.5
- Chapter 8:- Rational No.- Ex 8.2, 8.3
- Chapter 9: Rational No.-Ex 9.1 & 9.2
- Chapter 5: Learn rules all line and angles.

### CLASS VII (SOCIAL SCIENCE)

1. Revise following chapters for PT 2:
  - History:**
    - Ch-5. Tribes , Nomads and Settled communities a brief life sketch on:
    - Ch-6. Devotional paths to the Devine
  - Geography:**
    - Ch- 5. Water
    - Ch-6. Human Environment interactions: Tropical and Subtropical Region
  - Political Science:**
    - Ch-5. Women Change the world
    - Ch-6. Understanding Media
2. Complete all the chapters(notes and question answers) completed till date, specially those students who haven't written question answers and notes of completed chapters .
3. Write minimum and maximum temperature daily in your notebook
4. On an outline map of the Indian subcontinent drw rivers Ganga and Brahmaputra from source to mouth, also show the important tributaries of both the river.
5. On the political map of South America draw the equator. Mark the countries through which the equator passes.
6. Mention the changes that occurred with emergence of new ideas about education and learning in 19<sup>th</sup> century?
7. Describe few methods of struggle used by women's to raise their issues.
8. Explain water cycle( hydrological cycle) with the help of suitable diagram.( explanation+ diagram)
9. What is Tsunami? Explain occurrence and effects of the Tsunami?
10. Define the following terms:
  - a) Stereotyping b) Gender discrimination c) Violation d) Discrimination



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**CLASS VIII (SCIENCE)**

- Q.1. Draw a labelled diagram of a neuron.
- Q.2. Identify the type of tissue in the following - skin, bark of tree, bone, lining of kidney tubule, vascular bundle, adipose tissue, cardiac muscle.
- Q.3. How many type of elements together make up the xylem and phloem tissue? Name them.
- Q.4. How are simple tissue different from complex tissue in plants? List and four difference.
- Q.5. Diagrammatically show the difference between the three types of muscle fibres.
- Q.6. What is the specific function of the cardiac muscle?
- Q.7. Explain the role of epidermis in plants. Also explain the structure of a stomata.
- Q.8. How does the cork act as a protective tissue in a plant?
- Q.9. Name the following:
- a) Tissue that forms the inner lining of our mouth.
  - b) Tissue that connects muscle to bone in humans.
  - c) Tissue that transports food in plants.
  - d) Tissue that stores fat in our body.
  - e) Connective tissue with a fluid Matrix.
  - f) Tissue present in the brain.
- Q.10. Draw the diagram of squamous, stratified, cuboidal, columnar, ciliated and glandular epithelium tissue.



### CLASS VIII (SOCIAL SCIENCE)

1. Revise learn following chapters for PT 2:

**History:**

Ch-5. When the People rebel 1857 and after

**Geography:**

Ch-4. Industries

Ch-5. Human Resources

**Political Science:**

Ch-5. Understanding Marginalisation

Ch-6. Confronting Marginalisation

2. Complete all the chapters(notes and question answers) completed till date, specially those students who haven't written question answers and notes of completed chapters .
3. Describe the factors that affect the location of industries.
4. What are population pyramids? How do they help in understanding the population of a country?
5. Explain how steel is the backbone of modern industry
6. Differentiate between: **a).** Birth Rate and Growth Rate **b).** Joint sector and Public sector industry **c).** Emigrants and Immigrants **d).** Small scale and large scale industries **e).** Agro based industry and minerals based industry
7. Define population change. How do the following factors affect the distribution of population?  
(i)Topography (ii) Climate (iii) Soil (iv) Water (v) Mineral

### CLASS VIII (HINDI)

नोट1-सभी प्रश्नों के उत्तर नोटबुक में लिखना है—

2-प्रश्नों के उत्तर अति संक्षिप्त में लिखना है।

प्रश्न1- कविता के रचनाकार का नाम लिखो -

क- सुदामा चरित— .....

ख— सूर के पद- .....

ग- — यह कठिन समय नहीं- .....

घ- कबीर की साखियाँ- .....

प्रश्न2-पाठ के लेखक का नाम लिखो-

क- बाज और साँप .....

ख- जहाँ पहिया .....



ग- अकबरी लोटा -----

घ- पानी की कहानी -----

प्रश्न3-51 से 100 तक हिंदी,संस्कृत,रोमन और अंग्रेजी में गिनती लिखो?

या

प्रश्न3- एक कविता लिखो जो आपको बहुत पसंद हो,और आपको सबसे अच्छी लगती हो, लेकिन आप की पाठ्य पुस्तक में न हो।

4-संवाद (बातचीत) किसी एक विषय पर लिखो-

क- शिक्षक और छात्र/छात्रा

ख- ब्लैकबोर्ड और चॉक

ग-माता- पिता

5-आपकीअपनी पाठ्य पुस्तक हिंदी की किताबों के नाम लिखो-

या

5- चाणक्य /कौटिल्य जी की रचनाओं नाम बताओ?

6-भारत देश पर किन किन आक्रांताओं /आक्रमन्कारियोंने शासन किया? किन्ही 5 के नाम लिखो?

7-- आप शरद कालीन अवकाश कैसे बिताओगे? एक अनुच्छेद पैराग्राफ में लिखो

### CLASS VIII (MATHS)

Chapter 1: Rational Number- Ex 1.1

Chapter 2: Linear Equation/ None Variable- Ex 2.1 to 2.2

Chapter 3: Understanding Quadrilateral- Ex 3.1 to 3.4

Chapter 4: Data Handling- Ex 4.1 to 4.2

Chapter 5: Square & Square root- Ex 5.1 to 5.4

Chapter 6: Cube & Cube Roots- Ex 6.1 & Ex 6.2

Chapter 7: Comparing Quantities- Ex 7.1 to 7.3





## CLASS VIII (ENGLISH)

- 1) BIO sketch on Ruskin Bond/ William Blake/ Rabindranath Tagore
- 2) Diary entry from 25 December 23 to January (at least 5 days entry)
- 3) Write your point of view on movie on TAARE ZAMEEN PAR /Mary Kom/Dangal (200-250)
- 4) Main news headlines for 7 days
- 5) Write the characteristics of Jody in "This is Jody's Fawn" **(100-150)**