



Mount Abu Public School

WINTER HOLIDAYS' HOMEWORK SESSION 2019-20 CLASS-VI

New year calls for holidays and is the perfect time to reflect on our blessings and seek out ways to make life better for us and for those around us. So, let's rejoice as well as revise.

Let us all fill our homes with love, laughter and lots of learning this season.

Dear Parents

Holidays are around and it's time for you to take charge. You are the first friend as well as teacher of your ward. Home is a place that provides the child with the first hand learning environment and experience.

Parents play a vital role in the education of their child. Keeping this in mind, the school's educators have designed the Winters Holidays Homework to provide a platform to the children to initiate the process of self-learning, revising as well as analysing. You as a parent are requested to kindly only supervise and encourage the child in this learning process. This Holidays Homework would be assessed as a part of their Enrichment Activity and so, must be well presented.

Dear students

The year 2020 is all about new beginnings. While we bid farewell to 2019, new resolutions call for our attention. Let us join hands to look back, review and analyse our performances and initiate steps to reach new heights.

This holidays homework will guide you to the path of systematic and well ordered learning. Put in your best efforts and pledge for timely submission, this will also help you to perform in your annual exams. The work will be assessed in terms of accuracy, neatness and timely submission.

Few Tips for the students to achieve their best:

1. Daily reading of the newspaper is a MUST.
2. Continue with the practice of eating a seasonal fruit everyday.
3. Exercise regularly because A Healthy Mind Leads To A Healthy Body.
4. Books are our best friends! Continue with the reading habit.
5. Converse in English.
6. Divide the time judiciously for academic and recreational work.
7. Revise the syllabus of all subjects covered so far.
8. Log in to the school website (www.mountabuschool.com) for daily updates.

9. Follow us on facebook at – Mount Abu Public School, Mount Abu Junior School, MAPS Herbs N Cure, ATL Mount Abu School.

10. All the Holidays Homework has to be done in their respective main notebooks and the Integrated project in the Science Project File.

11. The submission dates of HHW are as follows:

Subject	Submission date
English	14 Jan' 20
Hindi	15 Jan' 20
Maths	16 Jan' 20
Science	17 Jan' 20
Social Science	20 Jan' 20

HAPPY NEW YEAR!





SUBJECT- ENGLISH

Q1. Read the passage carefully and answers the following questions:-

We give undue importance to our health and the treatment of diseases. A large number of medicines treat only the symptoms of the disease, and not the root cause. In fact, the cause of many chronic ailments is still being researched. It is here that Yoga therapy comes to our assistance. Yoga emphasizes the treatment of the root cause of an ailment. It works in a slow, subtle and miraculous manner. Modern medicine can claim to save a life at a critical stage, but, for complete recovery and regaining of normal health, one must believe in the efficiency of Yoga therapy. The Yogic way of life includes a code of ethics, regulations, discipline and more, combined with prayer and meditation. Even a discussion of these subjects helps one relieve mental tensions and change attitudes. Simple Asanas help to stretch and relax the whole body and neutralize tensions. The sincere practice of Yoga postures benefits all levels of experience. Through continued practice, Yoga postures can have a profound effect on the inner dimensions of life, establishing deep calm, concentration, emotional stability and confidence. Man is physical; mental and spiritual being; yoga helps promote a balanced development of all the three. Other forms of physical exercises, like aerobics, assure only physical well-being. They have little to do with the development of the spiritual or astral body.

Answer the following questions briefly:

- (i) What do most of the medicines treat?
- (ii) What does the phrase 'Chronic ailments' refer to?
- (iii) How is yoga different from other treatments?
- (iv) What does the yogic way of life include?
- (v) What do 'Simple Asanas' help too?
- (vi) How does a sincere practice of yoga postures benefit us?
- (vii) How does yoga therapy work?
- (viii) Is yoga better than physical exercises? How?

Q2. Read the following poem carefully:

Success is counted sweetest
By those who never succeed
To comprehend a nectar
Requires sorest need.
Not one of the purple host
Who took the flag today
Can tell the definition
So clear, of victory.
As he defeated dying
On whose forbidden ear
The distant strains of triumph
Break, agonized and clear.

On the basis of the reading of the above poem tick the answer to the following questions:

- 1) The true value of success is felt by those.
- a) who always succeed b) who always fail c) who get it rarely d) who work towards it.

2) Requires sores need refers to?

- a) a desperate want. b) a wound dressing c) an understanding of the situation
d) hungry for food.

3) The purple host is?

- a) the royal army b) the victorious army c) the losing army d) the generals.

4) The sounds of victory are agonizing to the dying soldier because?

- a) he will not live to enjoy the celebrations. b) they are a reminder of his defeat.
c) he is severely wounded. d) he is forbidden to hear them.

5). Find out the synonym of 'win' from the poem

- a) defeat b) won c) victory d) all of these.

SECTION -B (WRITING)

Q3. Using the following hints write the bio-sketch of Vishwanath Anand

◆ **Born** on 11 the December 1969

◆ **Nickname:** Popularly Known as "Vishy"

◆ **First title:** The youngest National. Champion at the age of 16

◆ **Education:** Holds a degree in commerce

◆ **Hobbies:** are reading, swimming, listening to music

◆ **Character:** A man of discipline, self-centred, clear reasoning and immediate insight.

Awards and Honours: An Indian chess Grandmaster; former World Chess Champion.; has won the World Chess Championship five times, was the undisputed World Champion from 2007 to 2013.

Q4. Write an article on 'Importance of reading as a hobby' in about 100-120 words.

SECTION- C (GRAMMAR)

TENSES

Q5. Fill in the blanks with the correct form of verb given:

- I _____ (read) a very interesting book now.
- Roma _____ (work) eight hours a day.
- Tonight we _____ (see) a play at the theater.
- I _____ (not know) him very well.
- My wife _____ (like) coffee for breakfast.
- Your train _____ (leave) at 17.25 from platform 3.
- My whole family _____ (go) to church yesterday.
- Leap year _____ (come) every four years.
- My grandfather _____ (grow) tomatoes in his garden this summer.
- He _____ (grow) them every summer .

Q5. Fill in the table with correct verb forms.

PRESENT (V1)	PAST (V2)	PAST PARTICIPLE (V3)
Plan		
Watch		
Teach		

Buy		
Bring		
Take		
Fight		
Try		
Study		
Write		
Put		
Read		
Drink		
Wash		
Ride		
Speak		
Feed		
Make		
Swap		
Dream		

FUTURE TENSE

Q6. Complete the sentences with will or will not/won't.

- a) _____ Dipa _____ to school on Monday? (come)
- b) It _____ tomorrow. (not + rain)
- c) I _____ anyone your secret. (not + tell)
- d) _____ they _____ to the restaurant tonight? (go)
- e) John _____ Simran to inform about the examination dates. (call)
- f) A new teacher _____ chemistry from now on. (teach)
- g) Nitesh _____ your bag for you. (carry)

Q7. Fill in the blanks with using will + an appropriate verb from the options listed below.

Regret, know, buy, invite, drive

- a) Nitu _____ you to the station.
- b) I _____ them to my sister's birthday party.
- c) In three days, she _____ my results.
- d) Tirtha _____ this decision.
- e) Anik _____ chocolates for his cousins.

Q8. Complete the sentences with 'be + going to' and the verb given in brackets.

- a) Kiran _____ (complete) his project by next month.
- b) They _____ (wash) their clothes.
- c) Dinesh _____ (buy) a red car.
- d) Nilam _____ (dance) tonight.
- e) We _____ (meet) the minister tomorrow.

Q9. Use the prompts to frame questions with will or 'be + going to'. If both options are appropriate, write both the questions.

- a) Tina/graduate/next year

- b) Arka/visit/Doctor/tomorrow

- c) I/tell/Tipu/good news

- d) I/answer/phone

- e) I/ sure/Anita/be/late/tomorrow

Q10. Complete the dialogues using simple present, present continuous, or will.

- a) A: What is Jia doing now?

B: Jia _____ (work) in the garden.

- b) A: What would you like, juice or milk?

B: I _____ (have) juice.

- c) A: What are your plans for the weekends?

B: We _____ (go) to Agra. We _____ (go) to see Taj Mahal.

- d) A: What are Anshu and Anjali doing in kitchen?

B: Anshu and Anjali _____ (bake) a cake for their father's birthday.

- e) A: Do you play tennis?

B: No, I _____ (play) football.

Q11. Choose the correct options for each of the sentences given below.

- a) Attention everyone! Now I _____ you about Netaji Subhash Chandra Bose. (am telling/am going to tell/will tell)
- b) She _____ pizza at the moment. (is making/are making/am making)
- c) John _____ his grandparents every month. (is visiting/am visiting/visits)
- d) Who _____ the violin? (is playing/are playing/am playing)
- e) Naina and her friends _____ over for dinner. (are coming/is coming/am coming)

PRONOUNS

Q12. Complete these sentences with suitable pronouns.

- a) The Principal said, 'Trisha, you're a naughty girl. _____ don't obey rules.'
- b) Ayan and Aman are my neighbours. I know _____ very well and my mother likes _____ very much.
- c) This event has many interesting activities. I like _____ very much.
- d) Sachin and Sourav are playing cricket. _____ look very happy.
- e) Where is Mr. Bose? I haven't seen _____ for the last few days.

Q13. Choose the best answer to complete each sentence.

- a) Are _____ your shoes? (these/that/those)
- b) Please use your own pencil. _____ is mine. (those/ this/these)
- c) Can you see the pictures on the wall? I own _____. (these/ this/that/those)
- d) _____ are the books which I bought from College Street. (this/that/these)
- e) _____ is the toy I bought from the toy shop. (these/ that/ those)

Q14. Use what, which, who, whose, and whom to complete the sentences.

- a) _____ of these two do you prefer?
- b) _____ would you like to eat?
- c) _____ do you want call?
- d) _____ has written this poem?
- e) _____ camera is that?
- f) _____ does he live with?

Q15. Complete the dialogues with reflexive pronouns.

- a) **A:** This chicken is very tasty. Who made this? **B:** Aisha made this dish _____.
- b) **A:** Who wrote this article on Taj Mahal? **B:** I wrote this article _____.
- c) **A:** Riya and Rahul, if you want more juice, help _____. **B:** Sure, we will.
- d) **A:** Nice collection of paintings. Who collected them?

B: Pritha and Debu collected the paintings _____.

e) **A:** John's computer often crashes and turns off by _____. **B:** That's really bad.

Q16. State whether the underlined pronouns in the given sentences are emphatic or reflexive.

- a) I myself heard her remarks. _____.
- b) He himself went to the shop and bought it. _____
- c) Dad and I painted the wall ourselves. _____
- d) Sonia did it herself. _____
- e) Joe was in a hurry, so he washed the car himself. _____

Q17. Choose the correct possessive pronoun/adjective to answer the questions.

- a) I like vanilla cream on _____ cakes. (my/mine)
- b) This is Nik's report. Where is _____? (your/ yours)
- c) Those keys are not _____ (my / mine). They are _____ (her / hers).
- d) _____ wardrobe is full of shirts. (his/him)
- e) Those birds are _____ (our/ours)

Q18. Identify the relative pronouns in these sentences.

- a) This is the book that Rahul is talking about.
- b) The cyclist who won the race trained hard.
- c) Nidhi has a friend whose cat is annoying.
- d) The event, which lasted all day, ended with a dinner.
- e) This is the place where they met.
- f) Jayita wrote to the author whom she had met last week.

VERB

Q19. Underline the main verb, circle the modals, and tick (✓) the auxiliary verbs in these phrases.

- a) shall go b) are playing c) might come
- d) is talking e) have done f) had won

Q20. Complete the sentences with the gerund form of the verbs in brackets.

- a) Tina is crazy about _____. (sing)
- b) He enjoys _____ football. (play)
- c) Jack should give up _____. (smoke)
- d) My uncle is afraid of _____ by bike. (go)
- e) Jayita is interested in _____ tuition. (give)

SUBJECT- HINDI

प्रश्न1. वर्ण विच्छेद किजिए-

- | | |
|------------|-------------|
| (क) मेहमान | (ख) नमस्कार |
| (ग) बंदर | (घ) विकसित |
| (ङ) समक्ष | (च) विद्वान |

प्रश्न2. निम्नलिखित वर्णों के मेल से शब्द निर्माण कीजिए -

- (क) क् + अ + म् + अ + ल् + अ
(ख) म् + उ + न् + इ
(ग) क् + अ + ल् + अ + म् + अ
(घ) ल् + अ + क् + श् + म् + ई
(ङ) भ् + अ + ग् + इ + न् + ई

प्रश्न3 पर्यायवाची शब्द लिखें-

- | | |
|---------------------------|---------------------------|
| (क) राजा - _____, _____ | (ख) सुगंध - _____, _____ |
| (ग) स्वर्ण - _____, _____ | (घ) अच्छा - _____, _____ |
| (ङ) आभूषण - _____, _____ | (च) ईश्वर - _____, _____ |
| (छ) मित्र - _____, _____ | (ज) प्रातः - _____, _____ |

प्रश्न4 विलोम शब्द लिखे -

- | | |
|-----------|------------|
| (क) शोक | (ख) संधि |
| (ग) दुखद | (घ) स्वामी |
| (ङ) दूषित | (च) उपकार |
| (छ) जीवित | (ज) लिखित |

प्रश्न5 श्रुतिसम रूपी भिन्नार्थक शब्द लिखिए-

- | | |
|------------|-----------|
| (क) प्रमाण | (ख) मात्र |
| प्रणाम | मातृ |
| (ग) उदार | (घ) नीड़ |
| उधार | नीर |

प्रश्न6 दिए गए प्रत्ययों से दो-दो शब्द बनाइए-

- (क) आई
(ख) मान
(ग) आहट
(घ) आवट

प्रश्न7. उपसर्ग और मूल शब्द अलग करके लिखिए-

(क) सहपाठी - _____ + _____

(ख) प्रतिदिन - _____ + _____

(ग) अत्यधिक - _____ + _____

(घ) निडर - _____ + _____

(ङ) स्वदेशी - _____ + _____

प्रश्न8. निम्नलिखित विराम चिह्नों के नाम लिखिए-

(क) ,

(ख) ;

(ग) ?

(घ) “ ”

प्रश्न9. मुहावरों का वाक्यों में प्रयोग कीजिए-

(क) दाँत काटी रोटी

(ख) जंगल में मंगल

(ग) पानी - पानी होना

(घ) नमक-मिर्च लगाना

(ङ) घोड़े बेचकर सोना

प्रश्न10. रेखांकित शब्दों को शुद्ध करके वाक्य पुनः लिखिए-

(क) पानी बरसेगी।

(ख) मुझे बड़ा दुख हुआ।

(ग) तुम्हारे को उनसे क्या काम है?

(घ) मैंने तुम्हें नहीं ले जाना।

(ङ) वे नृत्य करेगा।

प्रश्न11. निम्नलिखित वाक्यों में से क्रियाविशेषण शब्द रेखांकित करें-

(क) मोहन प्रतिदिन पढ़ता है।

(ख) सविता बाहर खेल रही है।

(ग) यहाँ मत बैठिए।

(घ) बंदर पेड़ के ऊपर कूद रहा है।

(ङ) इस बार गर्मी अधिक पड़ी है।

प्रश्न12. क्रिया के काल को पहचानकर लिखिए-

(क) सभी को अपना-अपना काम समय पर करना चाहिए

(ख) सभी सोच रहे थे कि हमें कौन कार्य देगा।

(ग) कल मैं ताजमहल देखने गया था।

(घ) काम छोड़कर पार्क में क्यों चले गए।

प्रश्न13. प्रत्येक काल के दो-दो वाक्य बनाइए-

- (क) भूतकाल
- (ख) वर्तमानकाल
- (ग) भविष्यकाल

प्रश्न14. निम्नलिखित विषय पर संकेत बिन्दुओं के आधार पर 80-100 शब्दों में अनुच्छेद लिखिए-

हमारा राष्ट्रीय त्योहार - 26 जनवरी

संकेत बिन्दु

- कितने हैं राष्ट्रीय त्योहार
- क्यों है विशेष 26 जनवरी
- 26 जनवरी के कार्यक्रम

प्रश्न15. दूध पीने के लिए माँ और बच्चे के बीच में 8-10 वाक्यों में संवाद लिखिए।

SUBJECT- MATHS

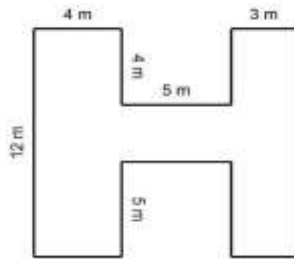
Chapter: Decimals

1. Vijay bought a 9 kg of fruits. Out of this 2 kg 600g were apples, 3 kg 45 g were mangoes and rest were melons. Find the quantity of melon purchased by him?
2. Aman bought 4 kg 500 g of rice, 3 kg 30 g flour and 1 kg 705 g of sugar. Find the total mass of his purchase.
3. Find the sum of : (a) 650 km 900m ,325 km 96m , 39 km 380 m.
(b) 58 l 585 ml, 7 l 75 ml, 20 l 600 ml , 14 l 740ml.
4. Subtract: (a) 109 m 5 cm from 356 m 99 cm
(b) 46. 95 from 202
5. Write (i) 0.252 and (ii) 25.5 as fraction in the lowest term.
6. Express (i) $500 + 20 + 3 + \frac{9}{10}$ and (ii) $45 + \frac{7}{10} + \frac{8}{1000}$ as a decimal.
7. Express using decimals as directed :
(a) 10 cm 2 mm in cm (b) 8293 g in kg (c) 2 m 2 cm in cm

Chapter : Mensuration

1. How many square tiles of side 16 cm will be required to pave the floor of a rectangular room 6.4 m X 5 m?
2. A room is 15 m long and 9.5 m wide. A square carpet of side 1 m is laid on the floor. How much area is left uncarpeted ?
3. Find the perimeter of a rectangular play ground whose area is 3600 sq m and length is 90 m.

4. The area of a square park is the same as that of a rectangular park . If the side of the square park is 60 m and the length of the rectangular park is 90 m , find the breadth of the rectangular park.
5. Find the cost of fencing a rectangular park of length 225 m and breadth 150 m at the rate of Rs. 12 per metre.
6. The length and breadth of a rectangular field are in the ration 4 : 3. If its perimeter is 210 m , find its dimensions.
7. By splitting into rectangles, find the area :



Chapter: Integers

1. Find the value of : $(-17) + (-85) - (-95) + (-25)$
2. Rashmi deposited Rs.5890 in her account on Monday and then withdrew Rs.2394 on Tuesday. Next day she deposited rs.2155. what was her balance on Thursday?
3. Use appropriate symbol ($<$ or $>$ or $=$) to fill in the blank:
 $(-56) - (-69)$ _____ $(-76) + (55)$
4. Subtract the sum of 139 and (-157) from the sum of (-272) and 136.
5. The sum of two integers is 85. If one of them is (-95) , find the other.
6. Draw a number line and answer the following questions:
 - a) Starting from 7 on the number line, in which direction and how many steps have to be moved to reach -3?
 - b) Which number is reached on the number line if 9 steps are taken to the right of -3?
7.
 - a) Find the sum of : (-5489) and 10000
 - b) Find the additive inverse of (-156)
 - c) Find the successor and predecessor of : (-47)
 - d) Subtract 2750 from (-247) .
 - e) Using number line, add $(-11) + 5$.

Chapter: Fractions

1. Reduce the fraction $\frac{108}{120}$ into simplest form
2. Compare the fraction : $\frac{3}{8}, \frac{5}{12}$
3. Anuja reads 40 pages of a book containing 120 pages while Leena read $\frac{2}{5}$ of the book. Who read more?

4. Arrange the following fraction in descending order : $\frac{2}{3}, \frac{5}{16}, \frac{7}{12}, \frac{5}{8}$
5. Simmy bought $2\frac{1}{4}$ m of cloth and used up $1\frac{1}{5}$ m of cloth to stitch a dress for himself. How much cloth is left with her?
6. Find the sum of : $1\frac{2}{3} + \frac{7}{18} + 1\frac{1}{6}$
7. Simplify : $4\frac{2}{3} - 2\frac{5}{6} - 3\frac{1}{12} + 5\frac{7}{18}$
8. Subtract the sum of $3\frac{3}{8}$ and $5\frac{1}{4}$ from the sum of $4\frac{3}{8}$ and $7\frac{1}{12}$

Chapter: Data Handling

1. The sales of bread loaves in a shop on various days of the week are as follows:

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
No. of Bread loaves sold	75	100	100	125	75	50	100

Prepare a pictograph showing the sale of bread loaves using symbol ☺ = 25 bread loaves and answer the following questions:

- a) On which day were the minimum number of bread loaves sold?
- b) On which day were the maximum number of bread loaves sold?
- c) If one carton could carry 25 bread loaves in it, how many cartons were used in the entire week.

2. Various modes of transport used by 1500 students of a school are as follows:

Mode of Transport	Car	Bicycle	Private Bus	Walking	School Bus
Number of Students	280	150	300	120	650

Represent the data by a bar graph.

3. Vinita threw a dice 40 times and noted the following numbers appearing with each throw:

1, 2, 5, 6, 6, 2, 5, 4, 1, 6, 3, 5, 2, 4, 6, 1, 5, 5, 6, 1, 1, 3, 3, 2, 5, 3, 4, 5, 5, 6, 5, 1, 6, 2, 2, 5, 3, 4, 1, 5.

Make a table and enter the data using tally marks. Find

- a) The number that appeared the minimum number of times.
- b) The number that appeared the maximum number of times.
- c) The numbers that appeared an equal number of times.

4. Following are the average marks of a class in five subjects. Draw a bar graph to represent the data.

English	Mathematics	Science	Social Science	Language
65	89	78	71	56



Chapter: Ratio And Proportion

1. The cost of 7 kg of mangoes is Rs. 434. How many kg of mangoes can be purchased for Rs. 341?
2. 15 metres of silk cloth can be bought for Rs. 3840. How many metres of silk cloth can be purchased for Rs. 7936?
3. A train travels 650km in 5 hours.
 - a. How much distance will it cover in 12 hours?
 - b. How long will it take to travel 975 km?
4. Are the ratios in proportion:
 - a. 10 minutes : 1 hour and 6 hours : 36 hours
 - b. 25 days : 1 year and 60 days to 2 years
5. Divide 30 stamps between Malti and Anjali in the ratio 3 : 2 .
6. Jaiveer earns Rs. 7500 per month. If his monthly savings is Rs. 1200, find the ratio of
 - a. His income to his savings
 - b. His income to his expenditure
 - c. His expenditure to his savings
7. Express the ratios on their simplest form:
 - a. 3 weeks : 35 days
 - b. 250 : 375
 - c. 3 km 200 m to 1640 m.

Chapter: Algebra

1. Taking Priya's present age as 'x' years, answer the following questions:
 - a. What will be her age 8 years from now?
 - b. What was her age 5 years ago?
 - c. Priya's grand uncle is 6 times her age. What is the age of her grand uncle
 - d. Priya's grandmother is 2 years younger than her grand uncle. What is her grandmother's age?
 - e. Priya's father is 7 years more than 3 times Priya's age. What is her father's age?
2. Pick out the solution from the values given in the bracket. Show that the other values do not satisfy the equation.
 - a. $7p = 84$ (10,12,15)
 - b. $M - 2 = 0$ (2, -2, 0)
3. Write the algebraic expressions for the following:
 - a. X taken away from 9
 - b. Twice a increased by b
 - c. Half of a number y decreased by 7
 - d. Y decreased by 11
4. Gargi is 24 years younger than her mother. What is Gargi's age in terms of her mother's age.
5. The side of a rhombus is denoted by l. Express the perimeter of the rhombus.
6. State which of the following are equations:
 - a. $P - 3 > 7$
 - b. $5 = (10 \times 2 - 5 \times 3)$
 - c. $14 = x + 3$

SUBJECT- SCIENCE

Chapter- Electricity and circuit

1: Choose from the options from Fig12.1 (a), (b), (c) and (d) given below the figure which shows the correct direction of current.

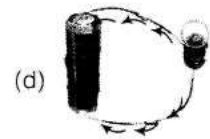
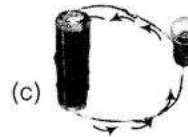
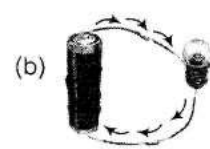
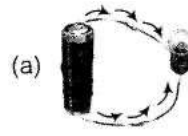


Fig. 12.1

2: In the following arrangement shown in Fig. 12.2, the bulb will not glow if the ends A and B are connected with –

- (a) A steel spoon
- (b) A metal clip
- (c) A plastic clip
- (d) A copper wire

3: Raghav wanted to glow a torch bulb using a cell. She could not get connecting wires, instead, she got two strips of aluminium foil. Will she succeed? Explain how.



Fig. 12.2

4: When the chemicals in the electric cell are used up, the electric cell stops producing electricity. The electric cell is then replaced with a new one. In case of rechargeable batteries (such as the type used in mobile phones, cameras and inverters), they are used again and again. How?

5: Choose the incorrect statement and justify with reason.

- (a) A switch is the source of electric current in a circuit
- (b) A switch helps to complete or break the circuit
- (c) A switch helps us to use electricity as per our requirement
- (d) When the switch is open, there is an air gap between its terminals.

6: In an electric bulb, light is produced due to the glowing of –

- (a) the glass case of the bulb.
- (b) the thin filament.
- (c) the thick wires supporting the filament.
- (d) gases inside glass case of the bulb.

7: Why should an electrician use rubber gloves while repairing an electric switch at your home? Explain.

8: (1) What is electric circuit?

(2) How many types of electric circuit are there? Define them.

(3) Draw a diagram to show the closed circuit for switch, bulb and dry cell.

9: (i) Define conductors and insulators. Give one example of each.

(ii) Give one activity to prove that air is an insulator.

10: Fig. 12.10 A and B, show a bulb connected to a cell in two different ways.



Fig. 12.10

(i) What will be the direction of the current through the bulb in both the cases? (Q to P or P to Q)

(ii) Will the bulb glow in both the cases?

(iii) Does the brightness of the glowing bulb depend on the direction of current through it?

Chapter 2: Components of Food

1. Multiple Choice Question -

I. Which one of the following food item does not provide dietary fibre?

(a) Wholegrains (b) Whole pulses (c) Fruits and vegetables (d) milk

II. Which of the following sources of protein is different from others?

(a) Peas (b) Gram (c) Soyabean (d) Cottage cheese (paneer)

III. Which of the following nutrients is not present in milk?

(a) Protein (b) Vitamin C (c) Calcium (d) Vitamin D

IV. Read the food items given below.

(a) Wheat (b) Ghee (c) Iodised salt (iv) Spinach (palak)

Which of the above food items are “energy giving foods”?

(a) (i) and (iv) (b) (ii) and (iv) (c) (i) and (ii) (d) (iii) and (iv)

V. Read the following statements about diseases.

(i) They are caused by germs.

(ii) They are caused due to lack of nutrients in our diet.

(iii) They can be passed on to another person through contact.

(iv) They can be prevented by taking a balanced diet.

Which pair of statements best describe a deficiency disease?

(a) (i) and (ii) (b) (ii) and (iii) (c) (ii) and (iv) (d) (i) and (iii)

2. Fill in the blanks -

(a) Egg yolk is rich in _____ and egg albumin is rich in _____.

(b) Deficiency diseases can be prevented by taking a _____.

(c) Eating too much of fat rich foods may lead to a condition called _____.

(d) The component of food that does not provide any nutrient to our body and yet is essential in our food is_____.

(e) The vitamin that gets easily destroyed by heating during cooking is _____.

(f) we are advised to eat fruits along with their _____.

(g) Excessive loss of water from body leads to _____.

3. While using iodine in the laboratory, some drops of iodine fell on Anuradha's socks and some fell on her teacher saree. The drops of iodine on the saree turned blue black while their colour did not change on the socks. What can be the possible reason?

4. Reema and Kavita peeled some potatoes and cut them into small pieces. They washed and boiled them in water. They threw away the excess water and fried them in oil adding salt and spices. Although the potato dish tasted very good, its nutrient value was less. Suggest a prevention for cooking vegetables such that it will not lower the nutrients in them.

5. Read the items of food listed below. Classify them into carbohydrate rich, protein rich and fat rich foods and fill them in the given table. Moong dal, fish, mustard oil, sweet potato, milk, rice, egg, beans, butter, butter milk (chhachh), cottage cheese (paneer), peas, maize, white bread.

Carbohydrate Rich Food Item (A)	Protein Rich Food Item (B)	Fat Rich Food Item (C)

6. 'Water does not provide nutrients, yet it is an important component of food'. Explain.

7. Name the following:

- Carbohydrates that are digested quickly and thus provide instant energy.
- A complex carbohydrate that fulfils majority of our carbohydrate requirements.
- Energy-giving foods.
- Chemical substances present in food.
- Two important components of food other than the nutrients.
- Extra carbohydrates are stored as these in the body.

8. Explain the importance of the following vitamins for the body.

(a) Vitamin A

(b) Vitamin K

(c) Vitamin D

(d) Vitamin C

Chapter - 5: Separation of Substances

1. Fill in the blanks.

A mixture of iron fillings and sand can be separated by using a _____.

Particles that settle down in a mixture after some time form the _____.

Transfer of clear liquid to another container after the process of sedimentation is called _____.

In a mixture of sawdust and water, _____ is retained by the filter paper.

A fine _____ cloth can be used as a filter.

Oil is _____ than water.

_____ liquids are separated by distillation.

A mixture of oil and water is an example of _____ liquids.

2. Sedimentation and decantation is a method used for separating heavier insoluble substances from water. Find out where this method is used in day-to-day lives. For examples, you can enquire your mother if she uses this method while cooking. List at least five uses of the method.

3. Differentiate between homogeneous and heterogeneous mixtures. Give example of each.

4. Which method of separation should be used to separate the following mixtures?

Grain and husk _____

Grain from stalks _____

Assorted candies _____

Grain and chaff _____

Bran and wheat flour _____

Sand and gravel _____

Sand and powdered leaves _____

5. Answer the following in (25-35 words)

(a) A Mixture

(b) Components of a mixture with the help of an example.

(c) Melting point

(d) Boiling point

6. What happens when the polluted water is allowed to stand for 10 minutes?

7. How is common salt obtained from sea water?

8. Describe a simple experiment to show the distillation of water.

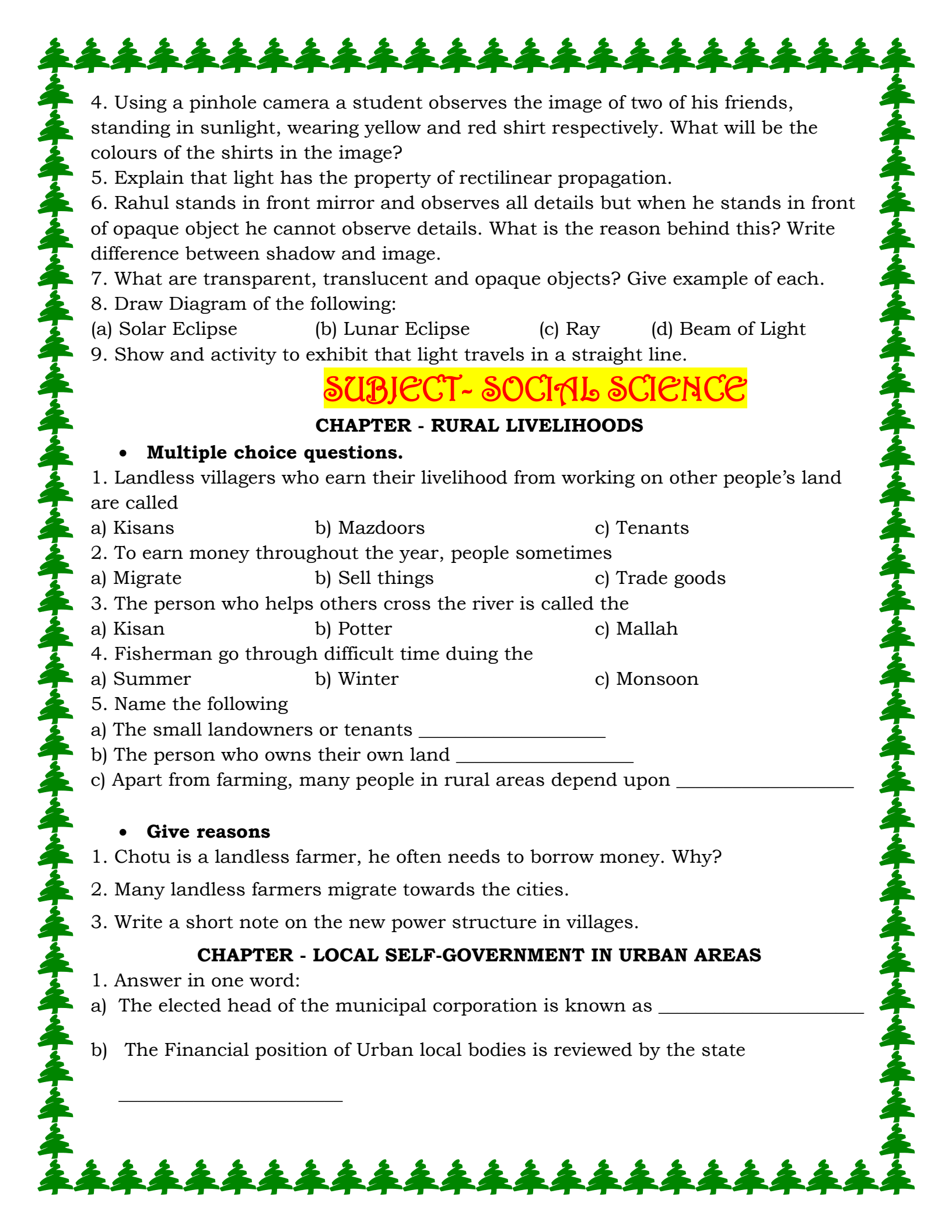
9. A saturated solution of sugar in water is prepared. The temperature of water is lowered by 5°C. Will the solution continue to be saturated? Give Reasons.

Chapter 12 : Light, Shadow and Reflection

1. Suggest a situation where we obtain more than one shadow of an object at a time.

2. On a sunny day, does a bird or an aeroplane flying high in the sky cast its shadow on the ground? Under what circumstances can we see their shadow on the ground?

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

- 
4. Using a pinhole camera a student observes the image of two of his friends, standing in sunlight, wearing yellow and red shirt respectively. What will be the colours of the shirts in the image?
 5. Explain that light has the property of rectilinear propagation.
 6. Rahul stands in front mirror and observes all details but when he stands in front of opaque object he cannot observe details. What is the reason behind this? Write difference between shadow and image.
 7. What are transparent, translucent and opaque objects? Give example of each.
 8. Draw Diagram of the following:
(a) Solar Eclipse (b) Lunar Eclipse (c) Ray (d) Beam of Light
 9. Show and activity to exhibit that light travels in a straight line.

SUBJECT- SOCIAL SCIENCE

CHAPTER - RURAL LIVELIHOODS

- **Multiple choice questions.**

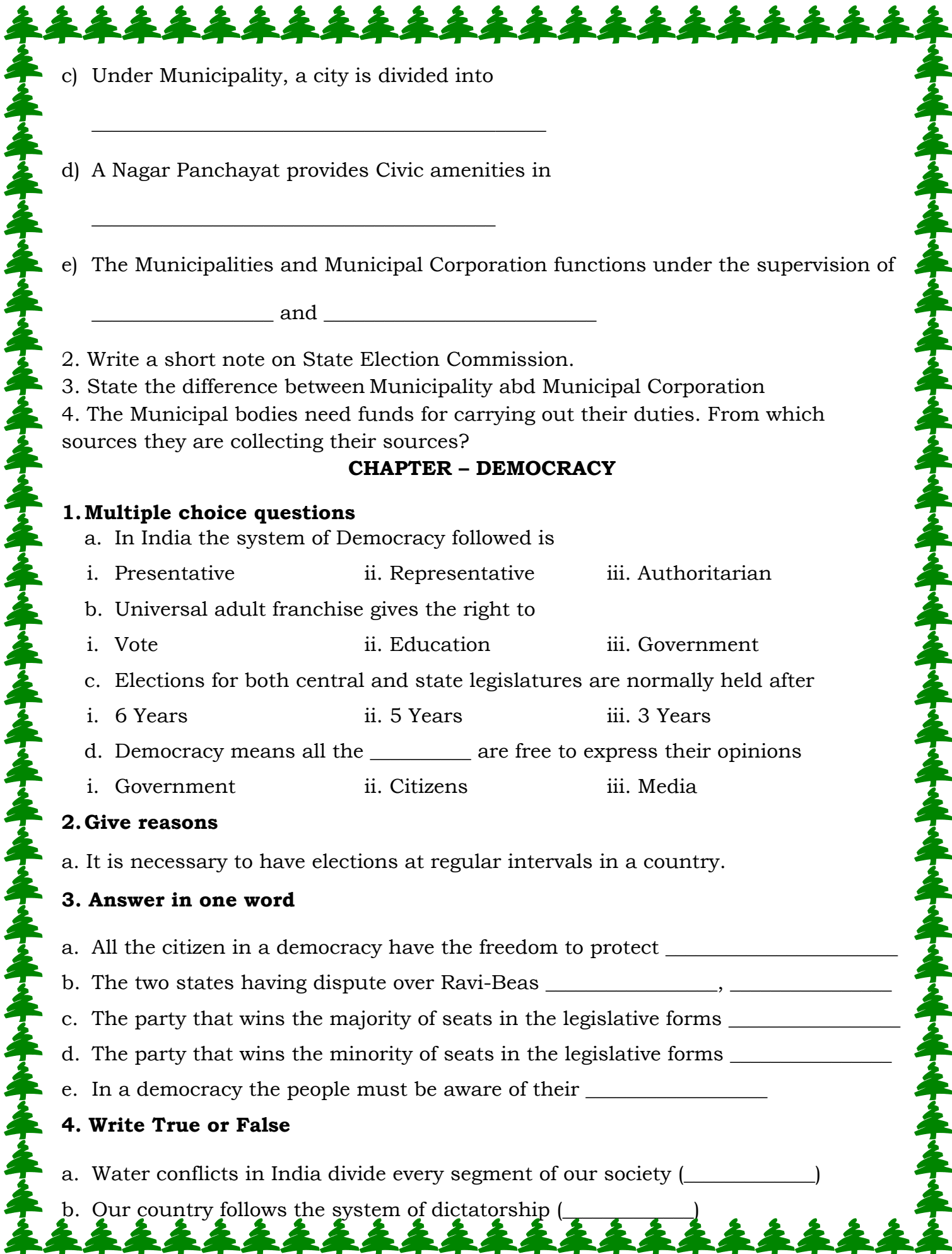
1. Landless villagers who earn their livelihood from working on other people's land are called
 - a) Kisans b) Mazdoors c) Tenants
2. To earn money throughout the year, people sometimes
 - a) Migrate b) Sell things c) Trade goods
3. The person who helps others cross the river is called the
 - a) Kisan b) Potter c) Mallah
4. Fisherman go through difficult time during the
 - a) Summer b) Winter c) Monsoon
5. Name the following
 - a) The small landowners or tenants _____
 - b) The person who owns their own land _____
 - c) Apart from farming, many people in rural areas depend upon _____

- **Give reasons**

1. Chotu is a landless farmer, he often needs to borrow money. Why?
2. Many landless farmers migrate towards the cities.
3. Write a short note on the new power structure in villages.

CHAPTER - LOCAL SELF-GOVERNMENT IN URBAN AREAS

1. Answer in one word:
 - a) The elected head of the municipal corporation is known as _____
 - b) The Financial position of Urban local bodies is reviewed by the state



c) Under Municipality, a city is divided into

d) A Nagar Panchayat provides Civic amenities in

e) The Municipalities and Municipal Corporation functions under the supervision of

_____ and _____

2. Write a short note on State Election Commission.

3. State the difference between Municipality and Municipal Corporation

4. The Municipal bodies need funds for carrying out their duties. From which sources they are collecting their sources?

CHAPTER – DEMOCRACY

1. Multiple choice questions

a. In India the system of Democracy followed is

- i. Presentative ii. Representative iii. Authoritarian

b. Universal adult franchise gives the right to

- i. Vote ii. Education iii. Government

c. Elections for both central and state legislatures are normally held after

- i. 6 Years ii. 5 Years iii. 3 Years

d. Democracy means all the _____ are free to express their opinions

- i. Government ii. Citizens iii. Media

2. Give reasons

a. It is necessary to have elections at regular intervals in a country.

3. Answer in one word

a. All the citizen in a democracy have the freedom to protect _____

b. The two states having dispute over Ravi-Beas _____, _____

c. The party that wins the majority of seats in the legislative forms _____

d. The party that wins the minority of seats in the legislative forms _____

e. In a democracy the people must be aware of their _____

4. Write True or False

a. Water conflicts in India divide every segment of our society (_____)

b. Our country follows the system of dictatorship (_____)



5. Answer the following questions

- a. What is a party manifesto?
- b. How can a voter elect the right candidate or a political party?
- c. List any 3 conditions essential for successful working of a democratic government.

CHAPTER - THE FIRST CITIES

1. Multiple choice questions:

- a. In Mohenjo-Daro, the largest building is the:
 - i. Granary
 - ii. Great bath
 - iii. Dockyard
- b. Most of the seals were made of:
 - i. Bitument
 - ii. Terracota
 - iii. Stone
- c. The script of the Harrapan was:
 - i. Roman
 - ii. Brahimi
 - iii. Pictographic
- d. The Harrapan cities declined around:
 - i. 1500 BC
 - ii. 1650 BC
 - iii. 342 BC

2. Give reasons:

- a. The Harrapans can be called great architects and engineers.

3. Answer the following questions:

- a. What occupations and crafts did the Harrapans practice?
- b. How was Dhalavira different from most Indus cities?
- c. What may have happened for the civilization to decline?

4. Name the following:

- a. The upper part of Harrapan city was known as _____
- b. The Harrapans exchanged goods with which countries _____ and _____
- c. Galadhara is recently excavated site in which region _____
- d. The main crops grown by Harrapan people _____ and _____
- e. The people of Indus valley civilization wore clothes made up of _____

5. On the Political Map of India, mark the following:

Harappa, Mohenjo-Daro, Kalibangan, Lothal



SUBJECT- ART

The school is going to organise an Art Exhibition in the month of February, where the young artists of MAPS will unleash their creativity on canvas. Kindly do a thorough research and follow the given instructions. For the same, the students of following classes are required to submit their respective painting.

What to do: Madhubani Painting

Where to do: A3 size pastel sheet

Material required: Only five colours (Orange, yellow, red, green and blue)

INTEGRATED PROJECT

TOPIC: GENDER EQUALITY

Integrated project is an initiative to inculcate all the subjects with a topic leading to holistic involvement and development of a child. Gender inequality is one such delicate issue which is being dealt with this integrated project of class VI. It will sensitize the students against the prevalent gender issues in the society and make them more aware & empathetic. Students should commence this project after watching the following video. "<https://youtu.be/R-Sk7fQG1jE>"

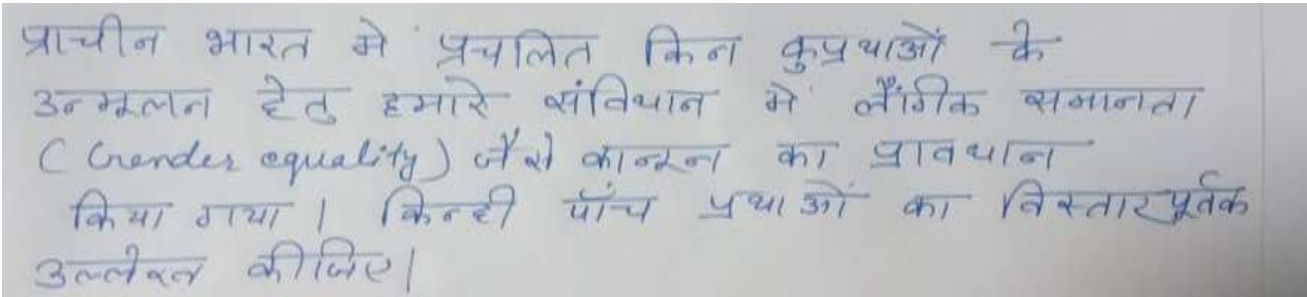
Learning objective:

To make students realize the importance of gender equality, respecting and empowering women.

Subject: English

1. The roles of males and females are specified by our society. This in return creates a gender bias attitude of people. What if these roles are interchanged?

What to do: Make a comic strip, showing a conversation between your parents while performing the other's gender based role(interchange mother's and father's role).



Write minimum 5 dialogues for each.

Where to do: In Science project file

Parameters: Content, Creativity, Presentation

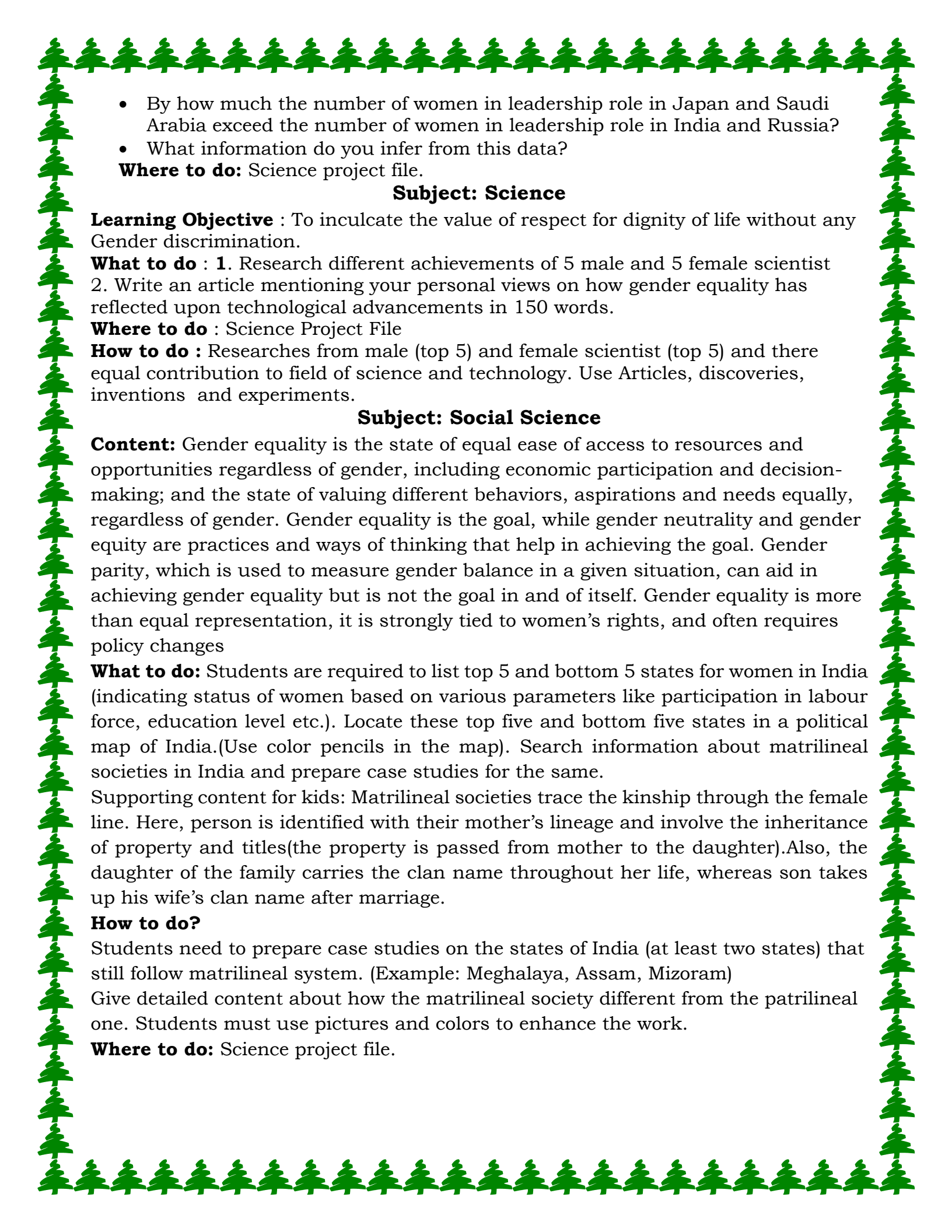
Subject: Hindi

Subject: Maths

1. The data given below shows the number of women in leadership role (in thousands) for six different countries. Prepare a pictograph for the data by using ☺=10 women in thousands. The symbol shown be made using cut outs of colored pastel sheets

Country	No. of women in Leadership Role (in thousands)
India	95
Australia	85
Russia	75
Japan	80
Saudi Arabia	45
China	60

- Based on the data given answer the following questions:
- Calculate the ratio of women in leadership role in Australia to China
- Calculate the total number of women in leadership role in all the countries.

- 
- By how much the number of women in leadership role in Japan and Saudi Arabia exceed the number of women in leadership role in India and Russia?
 - What information do you infer from this data?

Where to do: Science project file.

Subject: Science

Learning Objective : To inculcate the value of respect for dignity of life without any Gender discrimination.

What to do : 1. Research different achievements of 5 male and 5 female scientist
2. Write an article mentioning your personal views on how gender equality has reflected upon technological advancements in 150 words.

Where to do : Science Project File

How to do : Researches from male (top 5) and female scientist (top 5) and there equal contribution to field of science and technology. Use Articles, discoveries, inventions and experiments.

Subject: Social Science

Content: Gender equality is the state of equal ease of access to resources and opportunities regardless of gender, including economic participation and decision-making; and the state of valuing different behaviors, aspirations and needs equally, regardless of gender. Gender equality is the goal, while gender neutrality and gender equity are practices and ways of thinking that help in achieving the goal. Gender parity, which is used to measure gender balance in a given situation, can aid in achieving gender equality but is not the goal in and of itself. Gender equality is more than equal representation, it is strongly tied to women's rights, and often requires policy changes

What to do: Students are required to list top 5 and bottom 5 states for women in India (indicating status of women based on various parameters like participation in labour force, education level etc.). Locate these top five and bottom five states in a political map of India.(Use color pencils in the map). Search information about matrilineal societies in India and prepare case studies for the same.

Supporting content for kids: Matrilineal societies trace the kinship through the female line. Here, person is identified with their mother's lineage and involve the inheritance of property and titles(the property is passed from mother to the daughter).Also, the daughter of the family carries the clan name throughout her life, whereas son takes up his wife's clan name after marriage.

How to do?

Students need to prepare case studies on the states of India (at least two states) that still follow matrilineal system. (Example: Meghalaya, Assam, Mizoram)

Give detailed content about how the matrilineal society different from the patrilineal one. Students must use pictures and colors to enhance the work.

Where to do: Science project file.