

holiday homework

CLASS - VI

NAME _____





CLASS - VI
WINTER HOLIDAY HOMEWORK
2022-23

| <u>SUBJECT</u> | <u>CONTENT/TOPIC</u> |
|-----------------------|---|
| English (Lang.) | Do the given sheets |
| English (Lit.) | Learn Ch-16 “Seasons” and Ch-19 “The Happy Prince” from the notebook |
| Hindi (Lang.) | Do the given sheets |
| Hindi (Lit.) | Revise the poem - Hum Sub Suman Ek Upwan Ke |
| Mathematics | Do the given sheets |
| Physics | <ul style="list-style-type: none">• Learn Ch-3 “Force”• Objective/ sheet/ long question answers as directed• Do reading of Ch-6 Magnetism |
| Chemistry | Learn Ch-6 “Air and Atmosphere”, Exercise 1, 2 and 3 (Practice diagrams) |
| Biology | <ul style="list-style-type: none">• Learn Ch-6 “Circulatory System”• Book exercises and Practice diagrams |

| | |
|-----------------------------|--|
| HCG - I (History/Civics) | Revise Ch-2 and write few points on some of the “Great Preachers” in your notebook |
| HCG - II (Geography) | Practice the diagram of water cycle and stages of river. |
| G.K. | <ul style="list-style-type: none">• Go through the newspaper• Write best five news and paste pictures |
| Computers | Revise Ch – ▶ Visual effects in Presentation ▶ Internet online surfing |
| Sanskrit | <ul style="list-style-type: none">• “बालक” शब्द रूप याद करें ।• 1 से 30 तक संस्कृत में गिनती याद करें । |

**English Language
Holiday Homework**

Q1. Change the following sentences from active voice to passive voice.

1. The dog chased the cat.

2. The dog bit the boy.

3. The peon rang the bell.

4. Ram played hockey.

5. Miss Mary teaches us English.

6. Raj caught the ball.

7. Children like sweets.

8. Rita will take a photograph.

9. Who taught you this poem?

10. The police arrested the smuggler.

11. Shiva was flying a kite.

12. The hunter shot the deer.

13. The lion attacked the zebra.

14. Virat threw the ball.

15. Everyone loves Zara.

16. My sister has drawn this portrait.

17. The people were helping the wounded woman.

18. Sam had taken the medicines.

19. The player is taking extra time.

20. The cat ate the fish.

Q2. Place the punctuation marks at the right place in the sentences given below.

1. Do you speak German.

2. Close the door

3. No I will not spend my money anymore.

4. Get out of my car he said to me.

5. That is my brothers suit.

6. Wow that is a great news.

7. Raju bought a mobile chair and a fan.

8. You have two choices either fight or stay far from it.

9. I do not have any type of suggestions for you

10. Is this your house.

Q3. Choose the correct verbs for the following sentences.

1. Ravi and his brother (**is/are**) playing cricket.
2. Ankit (**do not/does not**) like to play basketball.
3. Either of you (**have/has**) stolen my pen.
4. Your trousers (**is/are**) on the top shelf.
5. My family (**belong/belongs**) to Madhya Pradesh.
6. Mr. Pandey as well as his family (**is/are**) quite respectable.
7. Ridhima (**sing/sings**) very well.
8. The book, including all the parts (**take/takes**) about three hours to read.
9. We (**eat/eats**) dinner together every day.
10. Abhishek and his friends (**meets/meet**) daily in the restaurant.

Q4. Select the correct prepositions from the list to fill in the blanks.

in, off, on, from, by, under, through, at, of, over, for

1. The cat was hiding _____ the table.
2. The dog jumped _____ the counter.
3. Rishi drove _____ the bridge.
4. We went _____ the tunnel.
5. Ridhima got a package _____ her friend.

6. I like the songs _____ 90s.
7. They put the flowers _____ the door.
8. The pizza was placed _____ the table.
9. He first met him _____ 1987.
10. I was born _____ April 3, 2002.

Q5. Fill in the blanks with suitable conjunctions

1. I like Sugar in my tea, _____ I don't like milk in it.
2. Listen to the story _____ answer the questions in complete sentences.
3. Is it Thursday _____ Friday today?
4. He was late _____ the bus didn't come.
5. We were very tired _____ happy after our flight to Sydney.
6. They climbed the mountain _____ it was very windy.
7. _____ Lenny was watching the planes his wife was ready in the car.
8. I'll text you _____ I have arrived in Toronto.
9. Neither my brother _____ my sister own a car.
10. The sun was warm, _____ the wind was a bit too cool.

Q6. Join each pair of the following sentences by means of a suitable conjunction

(i) James smokes. His brother does not smoke.

(ii) Alice hasn't come. Mary hasn't come.

(iii) She speaks English. She speaks Spanish.

(iv) I like him. He is very sincere.

(v) He did not win. He worked hard.

Q7. Fill in the blanks with 'would' or 'should':

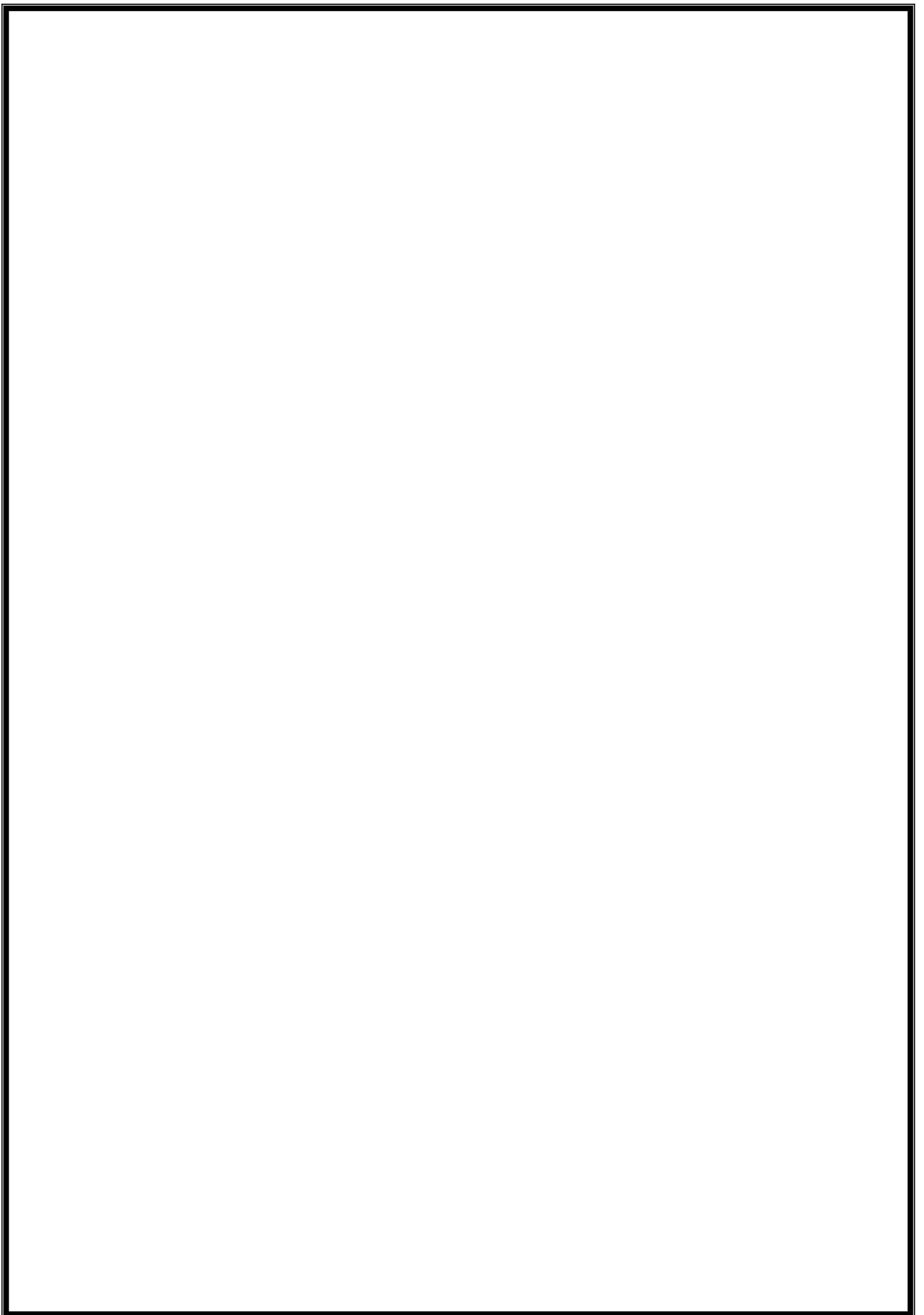
1. Work hard lest you _____ fail.

2. You _____ send the reply tomorrow.
3. _____ you please lend me your bicycle?
4. You _____ do as he says.
5. _____ you like another cup of tea?
6. She said she _____ carry my books.
7. He _____ meet me at 9 O' clock in the morning.
8. You _____ wash your clothes.
9. They _____ arrive here any time.
10. We _____ respect our elders.
11. _____ you mind helping me?
12. I _____ like to return early.
13. Make haste, lest you _____ miss the train.
14. If you _____ change your decision, Please let us know.
15. I wish you _____ not ask so many questions.

Q8. Fill in the blanks with 'shall' or 'will':

1. He _____ go to Chennai next month.
2. You _____ not enter the kitchen with muddy shoes.
3. Rupam _____ see you again.
4. You _____ go at once.
5. I _____ write a letter to him tomorrow.
6. _____ you do me a favour?

Q9 Write a composition of 150 words on 'The dangers in surfing the internet'



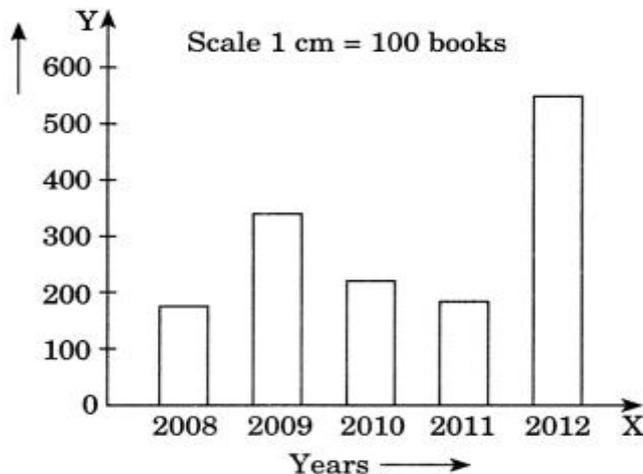
Note- Do all the questions in your improvement register

DAY-1

- a) Find the perimeter of a rectangle whose length and breadth are 150 cm and 1 m respectively.
- b) An athlete takes 10 rounds of a rectangular park, 70m long and 40m wide. Find the total distance covered by him.
- c) Find the distance travelled by Ashu if he takes 7 rounds of a square park of side 90m.
- d) Wilson runs around a square field of side 85 m, Bob runs around a rectangular field of length 130m and breadth 72m. Who covers more distance and by how much?
- e) If the perimeter of a regular hexagon is 21 cm, find the length of its one side.

DAY-2

- a) The following bar graph shows the number of books sold by a publisher during the five consecutive years. Read the bar graph and answer the following questions:
- (i) About how many books were sold in 2008, 2009 and 2012 years?
- (ii) In which years were 575 books were sold?
- (iii) In which years were the minimum number of books sold?

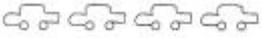


- b) A die was thrown 35 times and the following numbers were obtained:
5, 1, 4, 2, 3, 2, 6, 6, 1, 4, 2, 5, 4, 5, 3, 6, 1, 5
2, 6, 2, 5, 4, 1, 3, 2, 1, 4, 1, 6, 2, 6, 3, 3, 3
Prepare a frequency table for the data.
- c) The result of a Mathematics test is as follows:
80, 90, 70, 80, 80, 60, 80, 70, 90, 65, 100, 60, 70, 60, 70, 85, 65, 70, 70, 85, 90, 60, 65,
80, 60
Make a frequency table for the above data and answer the following questions:
- (i) What is the maximum marks obtained?
- (ii) How many students score less than 75 marks?

(iii) How many students scored 80 marks or above?

(iv) How many students appeared in the test?

d) Mr. Rajan made a pictograph given below to show the number of cars washed at a car washing station during three days of a week.

| Days | Number of cars washed | One  = 5 cars |
|----------|---|--|
| Friday |  | |
| Saturday |  | |
| Sunday |  | |

From the pictograph, find that:

(a) How many cars were washed on

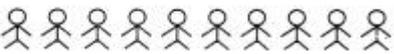
(i) Friday (ii) Saturday (iii) Sunday?

(b) On which day the maximum number of cars were washed at the station?

(c) On which day the minimum number of cars were washed at the station?

e) Read the pictograph given below and answer the following questions:

Persons employed in one year

| Job | Number of persons | Each  = 3000 persons |
|--------------------|---|---|
| Private service |  | |
| Government service |  | |
| Factory service |  | |

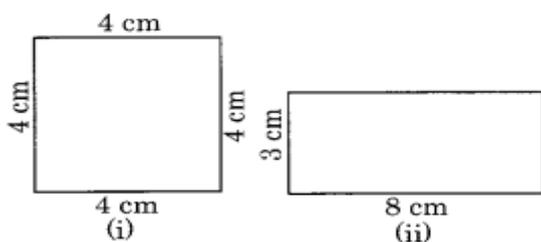
(i) What is the number of persons employed in government service?

(ii) How many more person were employed in government service than in private service?

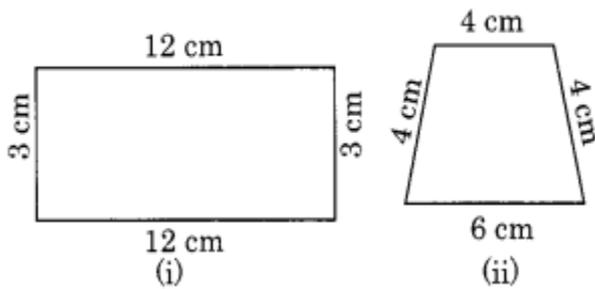
(iii) In which service, were the maximum number of persons employed?

DAY-3

a) Which of the following figure has greater area?



- b) How much distance will you have to travel in going around each of the following figures?



- c) Find the area of a square field whose each side is 150 m.
- d) Length and breadth of a rectangular paper are 22 cm and 10 cm respectively. Find the area of the paper.
- e) Find the length of a rectangle given that its perimeter is 880 m and breadth is 88 m.

DAY-4

- a) How many trees can be planted at a distance of 6 metres each around a rectangular plot whose length is 120 m and breadth is 90 m?
- b) A rectangular park is 30 metres long and 20 metres broad. A steel wire fence is put up all around it. Find the cost of putting the fence at the rate of Rs.15 per metre.
- c) The side of a square field is 65 m. What is the length of the fence required all around it?
- d) Shikha runs around a square field of side 75 m. Priya runs around a rectangular field with length 60 m and breadth 45 m. Who covers the smaller distance?
- e) The dimensions of a photograph are 30 cm \times 20 cm. What length of wooden frame is needed to frame the picture?

DAY-5

- a) Draw an angle of 75° using ruler and compass
- b) Draw an angle of measure 127° and construct its bisector
- c) Draw a right angle and construct its bisector
- d) Draw an angle of 64° and construct its bisector.
- e) Draw an angle of 152° and divide it into four parts

DAY-6

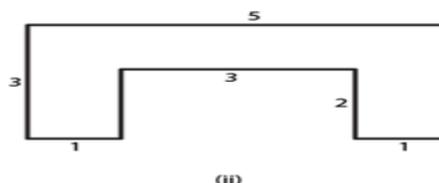
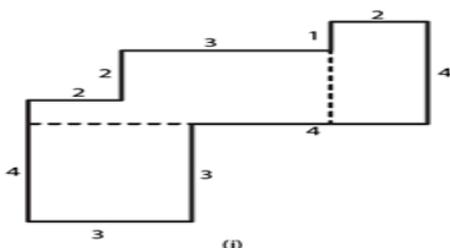
- a) The length of a rectangular field is 100 m. If the perimeter is 300 m, what is its breadth?
- b) Find the cost of fencing a rectangular park of length 175 m and breadth 125 m at the rate of Rs 12 per meter.
- c) The perimeter of a regular pentagon is 100 cm. How long is each side?
- d) A rectangular piece of land measures 0.7 km by 0.5 km. Each side is to be fenced with four rows of wires. What length of the wire is needed?
- e) Find the perimeter of a regular hexagon with each side measuring 8 m

DAY-7

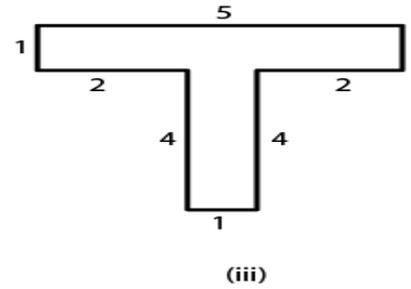
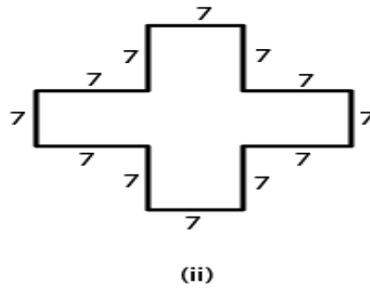
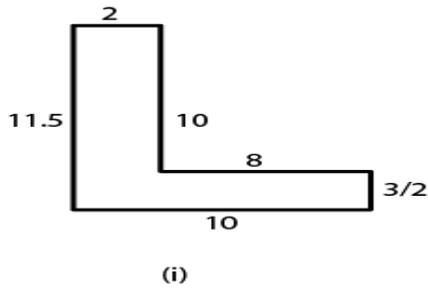
- a) Find the area of a rectangle, whose
 - (i) Length = 6 cm, breadth = 3 cm
 - (ii) Length = 8 cm, breadth = 3 cm
 - (iii) Length = 4.5 cm, breadth = 2 cm.
- b) Find the area of a square whose side is:
 - (i) 5 cm
 - (ii) 4.1 cm
 - (iii) 5.5 cm
 - (iv) 2.6 cm
- c) The area of a rectangle is 49 cm^2 and its breadth is 2.8 cm. Find the length of the rectangle.
- d) The area of a rectangle is 225 cm^2 and its one side is 25 cm, find its other side.
- e) Find the perimeter of a rectangle whose area is 500 cm^2 and breadth is 20 cm.

DAY-8

- a) The following figures have been split into rectangles. Find their areas. (The measures are given in centimetres)



b) Split the following shapes into rectangles and find the area of each. (The measures are given in centimetres)



- c) One side of a square plot is 250 m, find the cost of levelling it at the rate of Rs 2 per square metre.
- d) A marble tile measures 10 cm \times 12 cm. How many tiles will be required to cover a wall of size 3 m \times 4 m? Also, find the total cost of the tiles at the rate of Rs 2 per tile
- e) A marble tile measures 15 cm \times 20 cm. How many tiles will be required to cover a wall of size 4 m \times 6 m?

DAY-9

- a) Express each of the following in the ratios:
- (i) In a class, the number of girls in the merit list of the board examination is two times that of boys.
- (ii) The number of students passing mathematics test is $\frac{2}{3}$ of the number that appeared.
- b) Express each of the following ratios in its simplest form:
- (i) 60: 72 (ii) 324: 144 (iii) 85: 391 (iv) 186: 403
- c) Find the ratio of the following in the simplest form:
- (i) 75 paise to Rs 3
- (ii) 35 minutes to 45 minutes
- (iii) 8 kg to 400 gm
- (iv) 48 minutes to 1 hour
- (v) 2 metres to 35 cm
- d) Avinash works as a lecturer and earns Rs 12000 per month. His wife who is a doctor earns Rs 15000 per month. Find the following ratios:
- (i) Avinash's income to the income of his wife.
- (ii) Avinash's income to their total income.
- e) Of the 72 persons working in an office, 28 are men and the remaining are women. Find the ratio of the number of:
- (i) men to that of women,
- (ii) men to the total number of persons
- (iii) persons to that of women.

DAY-10

- a) Which ratio is larger in the following pairs?
- (i) 3: 4 or 9: 16
 - (ii) 15: 16 or 24: 25
 - (iii) 4: 7 or 5: 8
- b) Give two equivalent ratios of 6: 8.
- c) Find which of the following are in proportion:
- (i) 8, 16, 6, 12
 - (ii) 6, 2, 4, 3
 - (iii) 150, 250, 200, 300
- d) If in a proportion, the first, second and fourth terms are 32, 112 and 217 respectively, find the third term.
- e) The ratio of copper and zinc in an alloy is 9: 7. If the weight of zinc in the alloy is 9.8 kg, find the weight of copper in the alloy.