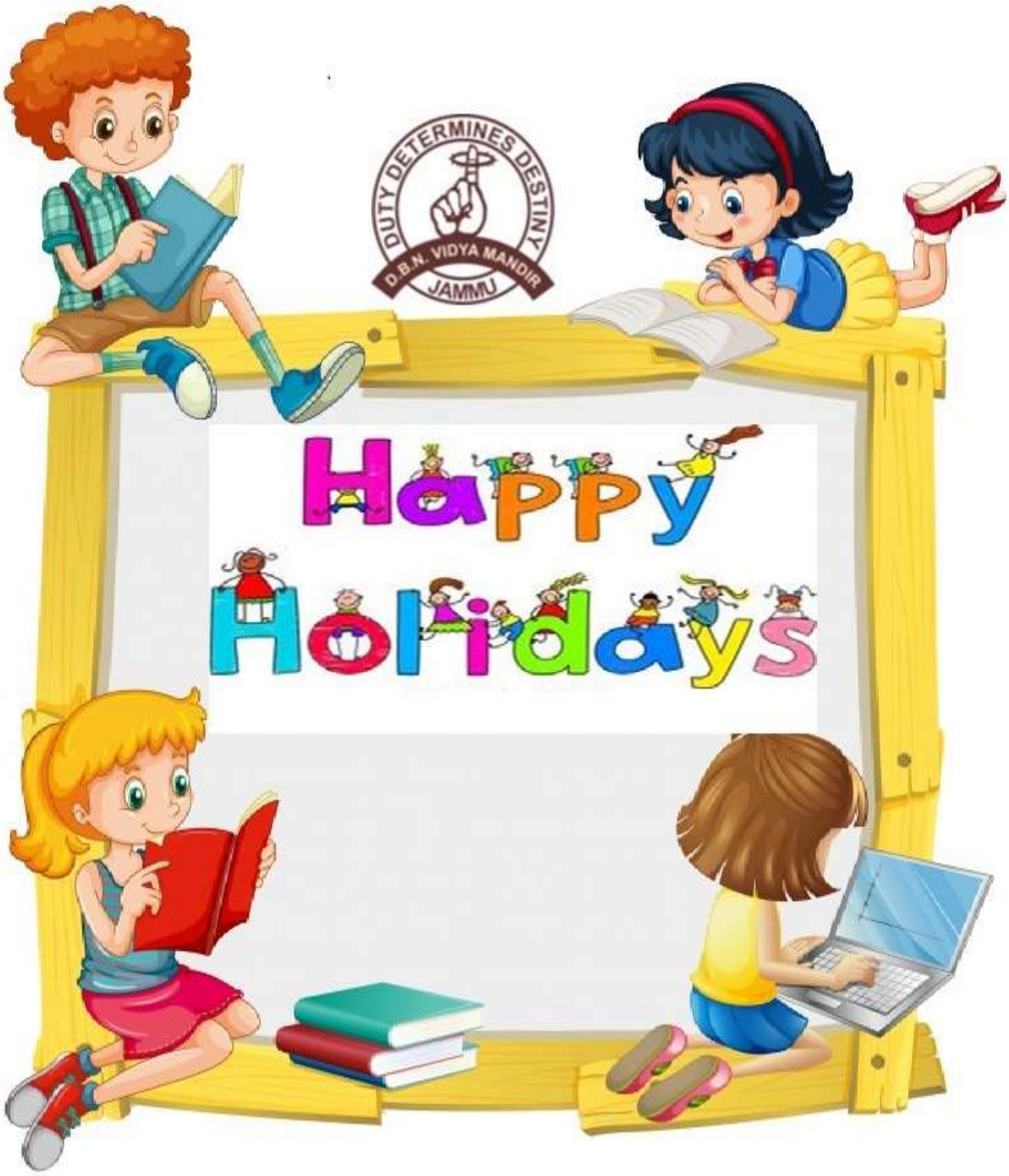

DUTY DETERMINES DESTINY
D.B.N. VIDYA MANDIR
JAMMU
Happy
Holidays

Class: 7th

Subject English

1. Revise and write: Prose- The Markhor and Lal Ded

   Poems: Trees and Windows

   Short Story: Three Questions and The little Girl

2. Write the following topics:

   a) Antonyms b) Synonyms c) One Word Substitution

3. Write a paragraph on the topics given below

   a) My Hobby b) Importance of Self Study c) Importance of Disciple d) Grow more Trees

4. Complete the story:

Last evening, I was going on the G.T. Road. A scooterist was going very fast. A young boy was going on a bicycle …….

5. Activity:

a) Design a poster to create awareness about the harms of smoking (7thA Roll no. 1 to 11)

b) Design a poster for promoting education for girls. (7th B Roll no. 1 to 11)

c) Make a poster on Environmental Pollution. (7thA Roll no. 12 to 22)

d) Design a poster to create awareness among the people regarding the importance of Rain water Harvesting. (7thB Roll no. 12 to 22)

Note: Use a separate notebook for holiday's homework.

Mathematics

Worksheet 1

1. Select the correct answer.

(a) 6 units to the left of 0 on the number line is _____.

(i) +6 (ii) −6 (iii) +5 (iv) −5

(b) According to distributive law of multiplication over addition, $a \times (b + c)$ must be equal to _____

(i) (a × c) − (b × c) (ii) (a − b) × (c − b) (iii) (a × b) + (a × c) (iv) (a × b) − (a × c)

(c) What must be added to −137 to get −145?

(i) −8 (ii) 8 (iii) 282 (iv) −282

(d) A spending of ₹1004 can be expressed as _____.

(i) − ₹1004 (ii) ₹1004 (iii) ₹1000 (iv) − ₹1000

(e) By solving $-6 + 9 + \left(\frac{-36}{2}\right)$, we get the answer.

(i) −15 (ii) 15 (iii) −12 (iv) 12

2. Fill in the blanks.

(a) (−45) + 0 + (−40) + 100 = _____

(b) The additive inverse of −3 is _____.

(c) The sum of all the integers between −3 and 2 is _____.

(d) The sum of any two positive integers is _____ than both the integers.

(e) The numbers 1, 2, 3, 4 are called _____ integers and −1, −2, −3 are called _____ integers.

3. Write a directed number to represent the following.

(a) Driving 15 km to the east (b) A fall in temperature of 3°C

4. Simplify the following.

(a) 7 × (−4) × (−3) × (−5) (b) −5 × (3) × (−2) × (7)

5. Write the opposite of the following.

(a) Driving 40 km north (b) Arriving 5 minutes early

6. Choose the smallest number from each group.

(a) 3, −5, −3 (b) −7, 4, −9 (c) 6, −7, −8

7. Choose the largest number from each group.

(a) 4, −4, −5 (b) −8, 12 (c) −8, 17, −18

8. Which of these is the earlier one?

(a) Arriving on time or arriving 8 minutes early

(b) Arriving 15 minutes late or arriving 10 minutes late.

9. Use the number line to show the answers.

(a) 2 + 4 (b) −8 + 10 (c) −6 + 5 (d) −12 + 8

10. A train travelled 15 km due west, then 9 km due east.

(a) Where is the train in relation to its original position?

(b) Write the directed number sentence to represent this situation.

Worksheet 2

1. Select the correct answer.

(a) Absolute values of the integers –40, –25, –11, 6 in ascending order can be expressed as _____.

(i) 6, –40 , –25, –11 (ii) 6, –11, –25, –40

(iii) 40, 25, 11, 6 (iv) 6, 11, 25, 40

(b) Integers between –3 and 2 include _____.

(i) 0, –2, –1, 1 (ii) – 2, –1, 0, 1

(iii) –1, –2, 0, 1 (iv) 0, 1, –1, –2

(c) If $a = 10$, $b = 30$, and $c = 50$, then $a \times b + a \times c$ must be equal to _____.

(i) 800 (ii) 820 (iii) 750 (iv) 810

(d) The quotient of –169 and –13 is _____.

(i) 13 (ii) –13 (iii) 12 (iv) –12

(e) If you subtract 60 from –20, then the answer will be _____.

(i) 40 (ii) 80 (iii) –80 (iv) –40

2. Fill in the blanks.

(a) The absolute value of the integers –5, –1, 0, 2, 4 in descending order can best expressed as _____.

(b) For any two integers a and b, the commutative law of multiplication states that _____.

(c) The value of $-|7 - 6| =$ _____.

(d) By evaluating following $+7 \times (-6 \times -3)$, the answer will be _____.

(e) If $-3 \times -7 \times 3 = 63$, then $-7 \times 3 \times -3$ is equal to _____.

3. State 'True' or 'False'.

(a) Zero is not an integer as it is neither positive nor negative.

(b) All integers are whole numbers.

(c) As $4 > 3$, therefore $-4 > -3$.

(d) –3 is to the left of –5 on the number line.

(e) 5 and –5 are at the same distance from 0 on the number line.

4. Complete the table.

5 – (3)	5 – (2)	5 – (1)	5 – (0)	5 – (–1)	5 – (–2)	5 – (–3)	5 – (–4)	5 – (–5)	5 – (–6)

5. Draw a number line and mark the number –2 and move 7 numbers to the right. Write the final numbe

Worksheet 1

1. Select the correct answer.

(a) Find the missing number in $\frac{8}{64} = \frac{9}{\square}$.

(i) 72 (ii) 81 (iii) 56 (iv) 64

(b) The fraction equivalent to $\frac{12}{13}$ with a denominator 39 is _____.

(i) $\frac{36}{45}$ (ii) $\frac{36}{39}$ (iii) $\frac{40}{39}$ (iv) $\frac{12}{39}$

(c) A proper fraction is always _____.

(i) less than 1 (ii) greater than 1 (iii) equal to 1 (iv) none of these

(d) A fraction whose numerator is greater than the denominator is _____.

(i) an improper fraction (ii) a proper fraction (iii) a unit fraction (iv) none of these

(e) The lowest form of $\frac{108}{256}$ is _____.

(i) $\frac{27}{64}$ (ii) $\frac{25}{64}$ (iii) $\frac{9}{8}$ (iv) $\frac{12}{25}$

2. Fill in the blanks.

(a) Fractions having the same denominator are called _____ fractions.

(b) The fraction is said to be in its _____ term if the numerator and the denominator do not have any common factor other than 1.

(c) Two fractions having different numerators and denominators are compared by making _____ the same.

(d) A fraction is in the simplest form when the _____ of the numerator and denominator is 1.

(e) The mixed number $5\frac{7}{11}$ can be written as _____.

3. How many

(a) halves are there in two wholes? (b) eighths are there in two wholes?

(c) fifths are there in two wholes? (d) sixths are there in three wholes?

4. Rini cut her apple into quarters and then cut each quarter into three equal pieces. If Rini eats seven of the small pieces, what fraction of the apple will remain?

5. Express each fraction in its simplest form.

(a) $\frac{315}{420}$ (b) $\frac{154}{198}$ (c) $\frac{168}{210}$ (d) $\frac{320}{480}$

6. Arrange these fractions in ascending order.

(a) $1, \frac{8}{7}, 1\frac{2}{7}, \frac{4}{7}$ (b) $\frac{10}{11}, 1\frac{3}{11}, \frac{7}{11}, 1$

7. Evaluate the following.

(a) $\frac{3}{5} + \frac{7}{10}$ (b) $\frac{4}{9} + \frac{6}{27} + \frac{7}{36}$ (c) [illegible]

8. Evaluate the following.

(a) $\frac{7}{12} - \frac{1}{3}$ (b) $3\frac{17}{24} - 1\frac{3}{8}$ (c) [illegible]

9. A recipe requires $\frac{3}{5}$ cup of milk and $\frac{1}{6}$ cup of cream. How much more milk than cream is required?

10. A ribbon which is $6\frac{2}{3}$ m long is cut into two pieces. The length of one piece is $1\frac{2}{3}$ m. Find the length of the other piece.

11. What should be added to $5\frac{6}{7}$ to get 12?

12. Subtract the sum of $1\frac{3}{4}$ and $1\frac{1}{4}$ from the sum of $2\frac{3}{5}$ and $3\frac{2}{5}$.

13. In one day, a book seller earned ₹$1054\frac{3}{5}$. Out of this money, he spent ₹$592\frac{1}{10}$ on the purchasing new books. How much money is left with him? Write in decimal form.

14. The weight of an empty box is $\frac{4}{5}$ kg and it contains $4\frac{2}{3}$ kg of material. What is the weight of the box filled with the material?

15. Three sacks of sugar weigh $10\frac{1}{2}$ kg, $16\frac{3}{4}$ kg, and $20\frac{3}{8}$ kg. What is the total weight of the three sacks?

Worksheet 2

1. Select the correct answer.

   (a) What should be added to $4\frac{2}{5}$ to get $5\frac{3}{15}$?

   (i) $\frac{3}{5}$ (ii) $\frac{2}{5}$ (iii) $\frac{3}{5}$ (iv) $\frac{4}{5}$

   (b) What should be subtracted from $\frac{2}{3}$ to get $\frac{1}{9}$?

   (i) $\frac{5}{9}$ (ii) $\frac{10}{9}$ (iii) $\frac{1}{9}$ (iv) $\frac{4}{9}$

   (c) Fill in the box: $\frac{1}{2} + \frac{\square}{8} + \frac{1}{8} = 1$.

   (i) 4 (ii) 1 (iii) 2 (iv) 3

   (d) Which of the following is a proper fraction?

   (i) $\frac{9}{8}$ (ii) $\frac{4}{5}$ (iii) $1\frac{2}{3}$ (iv) $\frac{13}{5}$

   (e) A fraction equivalent to $\frac{3}{4}$ is _____.

   (i) $\frac{3+4}{4+4}$ (ii) $\frac{4-3}{3-4}$ (iii) $\frac{3\times4}{4\times4}$ (iv) $\frac{4\div3}{3\div4}$

2. Fill in the blanks.

   (a) The fraction $\frac{2}{5}$ is _____ than $\frac{3}{7}$.

   (b) A mixed fraction can be expressed as _____.

   (c) What fraction is one second of one day? _____.

   (d) What fraction is 40 minutes of one hour? _____.

   (e) Complete the fraction $\frac{\square}{5}$, so that it is greater than $1\frac{2}{3}$ but less than $3\frac{4}{5}$

3. Find the sum of one-tenth and seven-tenths.

4. Which answer is greater: $5\frac{2}{3} + 4\frac{1}{9}$ or $3\frac{2}{5} + 9\frac{1}{4}$

5. Find the difference between three-quarters and one half.

6. By how much is $\frac{7}{10}$ larger than $\frac{2}{3}$?

7. By how much does $\frac{3}{4}$ exceed $\frac{3}{5}$?

8. Ribhu studied chemistry for $\frac{3}{4}$ of an hour and mathematics for $1\frac{1}{3}$ hours. For how many hours did he study altogether?

9. Vivek ate $\frac{1}{8}$ of a cake and Sushant ate $\frac{1}{10}$ of it.

   (a) Who had the biggest slice of the cake?

   (b) How much of the cake was eaten?

   (c) How much cake was left?

10. A farmer has 11 cows. He purchases 5 more cows and wishes to give $\frac{1}{2}$ of the total cows to his eldest son, $\frac{1}{4}$ to the middle son, and the remaining to the youngest son. Find the number of cows each son will get.

1. Find the profit or loss.

a) C.P. = ₹190 S.P. = ₹285

b) C.P. = ₹167 S.P. = ₹149

c) C.P. = ₹2242 S.P. = ₹2543

d) C.P. = ₹5640 S.P. = ₹5940

e) C.P. = ₹6700 S.P. = ₹7054

f) C.P. = ₹14,500 S.P. = ₹15,400

2. Find the cost price.

		Loss	Profit
a)	₹6560	₹899	–
b)	₹7854	–	₹108
c)	₹9089	₹625	–
d)	₹6899	–	₹433

3. Find the selling price.

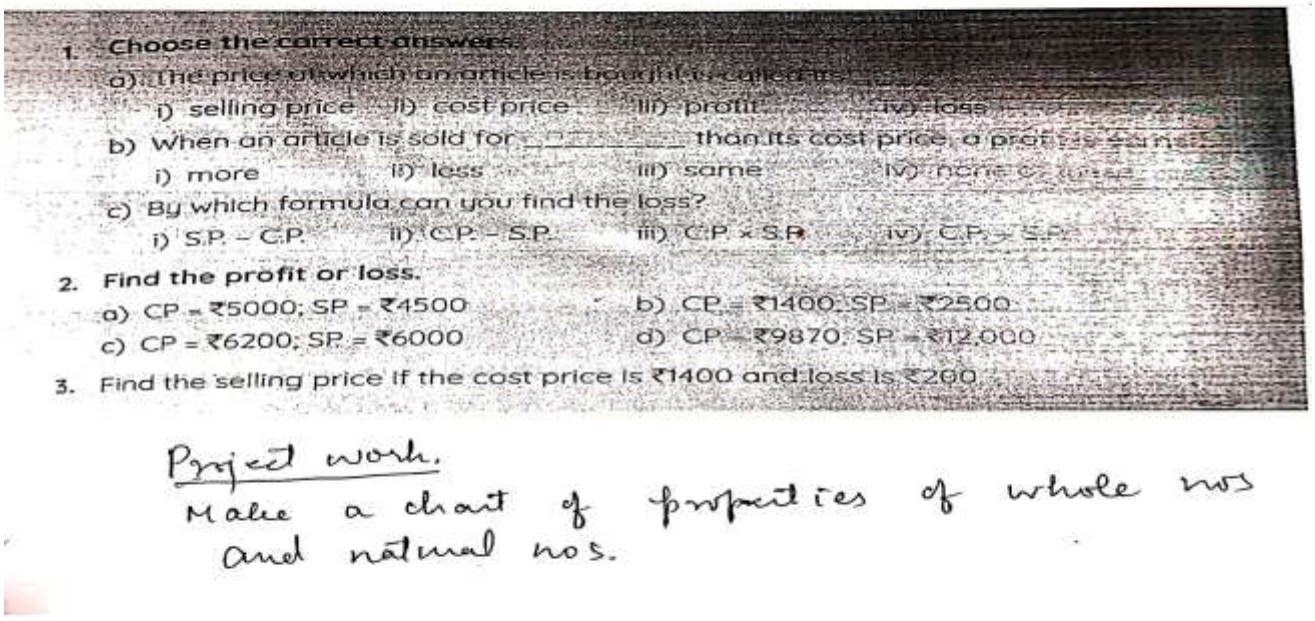
	Cost price (C.P.)	Profit	Loss	Selling
a)	₹2354	₹568	–	
b)	₹6574	–	₹502	
c)	₹2745	₹148	–	
d)	₹4150	–	₹663	

4. Solve the following word problems.

a) Nadeem bought a wooden cupboard for ₹6495 and sold it for ₹5595. Find profit or loss.

b) Shanvi bought an icebox for ₹535. She sold it at a loss of ₹60. What was the selling price of the icebox?

c) A shopkeeper bought two sets of colouring pens for ₹1090 and sold them at a profit of ₹99 each. What was the selling price of one set of colouring pens?



1. **Choose the correct answers:**
   a) The price at which an article is bought is called its ____
      i) selling price ii) cost price iii) profit iv) loss
   b) When an article is sold for _____ than its cost price, a profit is earned.
      i) more ii) less iii) same iv) none of these
   c) By which formula can you find the loss?
      i) S.P. – C.P. ii) C.P. – S.P. iii) C.P. × S.P. iv) C.P. ÷ S.P.
2. **Find the profit or loss.**
   a) CP = ₹5000; SP = ₹4500 b) CP = ₹1400; SP = ₹2500
   c) CP = ₹6200; SP = ₹6000 d) CP = ₹9870; SP = ₹12,000
3. Find the selling price if the cost price is ₹1400 and loss is ₹200.

Project work.
Make a chart of properties of whole nos and natural nos.

Science

1. Revise and write all the chapters i.e. Chapter 1 to 4.
2. Read chapter 5 and 6 and make 20 very short question/answers from each chapter.
   Project:
   a) Collect 2 plant fibres and 2 animal fibres. Paste them in notebook. Write their names, properties and uses. (7thA Roll no. 1 to 11)
   b) Make a model of human digestive system with waste material. (7thB Roll no. 1 to 11)
   c) Make a model of human tongue with waste material (7thA Roll no. 12 to 22)
   d) Make a model of the lifecycle of silk moth (7thB Roll no. 12 to 22)
   Note: Use a separate notebook for holiday's homework.

Social Studies

Q1. Make a project on A4 size sheets,

Topic: in the era of Covid-19, how is reverse glass ceiling gaining its roots rapidly in our society and changing the defined gender roles prescribed to men and women by society. Also discuss how is this going to penetrate our system and bring about gender equality.

Q2. Make a poster on “Reduce, Reuse and Recycle” by providing different slogans.

Q3. Read news daily, and collect 15 main news and paste them in a scrapbook.

Q4. Go through the Social Studies chapters taught yet. Choose some words and write down their meanings on an A4 size sheet.

Q5. Watch “National Geographic” channel everyday for half an hour and prepare a report on your learnings.

Learn all the chapters taught, yet.

G.K

1. Revise exercises 1 to 7

2. Find important questions from these exercises and also write in your notebook.

Computer

Revise L.no. 1 Software and its types

L.no. 2 Microsoft Windows 7

Project: Make a chart showing different types of Software and Hardware of the Computer.

Hindi

ग्रीष्मकालीन अवकाश गृहकार्य

विषय – हिन्दी

कक्षा – सातवीं

* पाठ – 5 'शाम एक किसान' तथा पाठ – 8 'नीलकंठ' का पठन करें तथा अपनी कल्पना के आधार पर इनसे संबंधित चित्र अपनी कार्यपुस्तक में बनाएं। पाठ – 8 के लघु प्रश्नोत्तर बनाएं।

* प्रथम इकाई का संपूर्ण कार्य याद करें तथा प्रतिदिन एक पृष्ठ सुलेख करें।

* प्रतिदिन हिन्दी का समाचार पत्र या हिन्दी की किसी पुस्तक का पठन करें। (शब्दों के उच्चारण पर विशेष ध्यान दें।)

* निबंध – सहशिक्षा तथा प्रधानाचार्या को फीस माफ करवाने के लिए प्रार्थना – पत्र लिखिए।

परियोजना कार्य

* प्रतिदिन मानक देवनागरी वर्णमाला के क्रमानुसार पाँच वर्ण के पाँच – पाँच शब्दार्थ लिखते हुए हिन्दी शब्दकोष तैयार कीजिए।

* बीरबल अकबर के नौ रत्नों में से एक थे। अकबर बीरबल के हज़ारों किस्से प्रसिद्ध हैं। उनके किस्सों को पढ़ें तथा किसी एक किस्से को चित्रकथा के रूप में चार्ट पर तैयार कीजिए।

नोट → • लेखन पर विशेष ध्यान दें।
• त्रुटियाँ न करें।