



St. Mary's School, Dwarka
Winter Holiday Homework
Class VII

General Instructions:

- 1) The work should be done neatly and systematically.
- 2) The given questions are to be done in your respective subject notebooks.
- 3) Attempt all questions.

Subject- English

No. of Questions: 5

M.M:25

Reading (7 marks)

Q1. Read the following passage carefully.

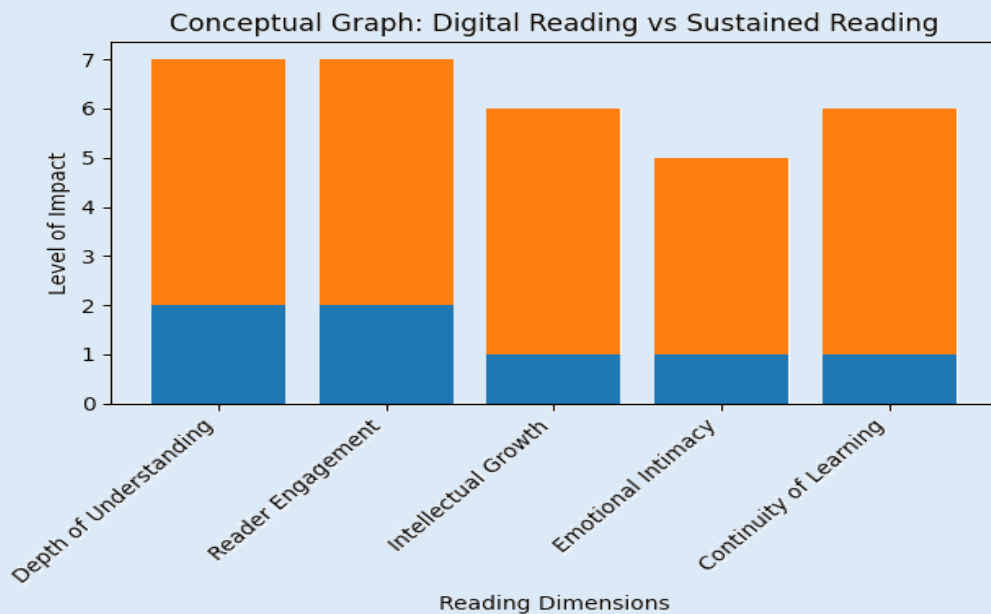
In an era shaped by instant notifications and algorithm-driven entertainment, sustained reading has quietly moved from being a common habit to becoming a deliberate act of resistance. Unlike fragmented digital consumption, deep reading requires patience, solitude, and a willingness to remain intellectually unsettled. The reader is expected not only to absorb information but also to engage with meaning, face uncertainty, and at times disagree with the author's worldview.

Ownership of books strengthens this engagement. A personal library does not function as a display of cultural capital, but as a record of intellectual encounters—some unfinished, some forgotten, and some revisited with a changed understanding. Marginal notes, underlined phrases, and dog-eared pages act as signs of dialogue rather than damage. They mark moments when the reader paused, questioned, or recognised reflections of their developing self.

In contrast, borrowed texts place an invisible restraint on the reader. The awareness that the book must be returned encourages caution and discourages intimacy. Such books are read respectfully but without personal involvement, much like conversations held in formal settings where honesty is controlled by politeness. Although knowledge may still be gained, the relationship remains transient.

A private reading space, therefore, is not defined by silence or isolation, but by continuity. Books waiting on open shelves maintain their presence without demanding attention, offering companionship without intrusion. They remind the reader that intellectual growth is cumulative, built not through speed or quantity, but through repeated encounters with ideas that continue to evolve.

Ultimately, reading does not remove individuals from society; instead, it prepares them to return with sharper perception. The solitary reader comes back better prepared to understand human complexity, having practised such understanding in the quiet, demanding company of books.



On the basis of your understanding of the passage, answer the following questions by choosing the most appropriate option. (1x7=7)

i. The description of sustained reading as an ‘act of resistance’ implies that such reading _____. (1)

- (a) opposes the commercial interests of digital platforms
- (b) requires conscious effort against prevailing habits
- (c) limits the reader’s exposure to diverse viewpoints
- (d) rejects all forms of technological engagement

ii. The author’s emphasis on marginal notes and underlined phrases suggests that a personal library mainly serves as a _____. (1)

- (a) evidence of a reader’s academic discipline
- (b) means to preserve books for future reference
- (c) visual record of intellectual dialogue and growth
- (d) collection meant to establish cultural credibility

iii. The comparison between borrowed books and formal conversations indicates that borrowing primarily affects reading by _____. (1)

- (a) reducing the accuracy of comprehension
- (b) increasing respect for the author’s authority
- (c) preventing emotional and intellectual intimacy
- (d) discouraging completion of the book

iv. By describing books on open shelves as offering ‘companionship without intrusion’ the author conveys that a private reading space _____. (1)

- (a) encourages isolation from social interaction
- (b) functions as a silent but continuous source of engagement

- (c) demands constant attention from the reader
- (d) replaces the need for personal relationships

v. The graph shows that sustained reading scores higher than fragmented digital reading in depth of understanding and continuity of learning.

What does this difference most clearly suggest? (1)

- (a) Sustained reading is slower but less enjoyable
- (b) Digital reading limits access to information
- (c) Sustained reading supports long-term intellectual growth
- (d) Reading habits depend mainly on personal interest

vi. Which word from the passage is closest in meaning to ‘temporary’? (1)

- (a) cumulative
- (b) transient
- (c) deliberate
- (d) fragmented

vii. The author’s concluding remarks suggest that solitary reading ultimately enables readers to _____. (1)

- (a) withdraw permanently from social interaction
- (b) develop sharper insight into human behaviour
- (c) replace real experiences with imagined ones
- (d) avoid engagement with societal complexities

SECTION B- Writing and Grammar (9 marks)

Q2. Write a story in about 120–150 words with the given beginning. Also, give a suitable title to the story. (5)

The old watch on my wrist suddenly stopped ticking at exactly midnight, just as I was about to unlock the forgotten room...

Q3. Fill in the blanks with the appropriate word. (½ x 8=4)

Before the final announcement was made, each of the shortlisted candidates (a) _____ informed that the results (b) _____ be declared only after the committee, along with its advisors, (c) _____ reviewed every application carefully. Although a number of applicants (d) _____ already qualified for the next round, neither the principal nor the coordinators (e) _____ willing to make exceptions. It was clear that everyone (f) _____ follow the guidelines strictly, or the entire process (g) _____ be questioned later. Such decisions often (h) _____ create tension, but they ensure fairness.

a)	i)was	ii)were	iii)has	iv) have
b)	i)can	ii)may	iii)must	iv) should
c)	i)have	ii)has	iii)is	iv) are
d)	i)has	ii)have	iii)was	iv) is
e)	i)was	ii)were	iii)has	iv) is
f)	i)must	ii)have to	iii)musts	iv) had
g)	i)could	ii)must	iii)has to	iv) may
h)	i)do	ii)does	iii)did	iv) has

SECTION C – LITERATURE (9 marks)

Q4 Answer these questions in 30-40 words.

(2x2=4)

- How does the poet use contrasts of colour and light to create a vivid and almost magical picture of the garden in ‘**A Sea of Foliage**’?
- How did Yudhishtira’s responses to the Yaksha’s questions reveal his wisdom and righteousness? What lesson do these responses convey in **The Enchanted Pool**?

Q5. Design comic strip based on the lesson ‘The Enchanted Pool’. Your comic strip should clearly depict ANY FOUR key events of the story to bring out the central message.

(5)

Instructions:

- * Use an A3 size sheet.
- * Divide the sheet into four equal panels.
- * Draw neat and colourful illustrations.
- * Use speech bubbles for dialogues.
- * Give a caption to each panel.

Subject-Hindi

No. of Questions- 5

M.M-25

निर्देश — 1 दिए गए सभी प्रश्नों के उत्तर हिन्दी की उत्तर पुस्तिका में कीजिए।

2 सभी प्रश्नों के उत्तर पूर्ण वाक्य में लिखिए।

3 कार्य स्वच्छ, शुद्ध एवं स्पष्ट लेख में कीजिए।

प्रश्न 1 निम्नलिखित प्रश्नों के निर्देशानुसार उत्तर दीजिए—

(1×5=5)

(क) '76, 83, 97, 100' इन संख्याओं को हिंदी में लिखिए।

(ख) क्रिया विशेषण के कितने भेद हैं? उनके नाम लिखिए।

(ग) निम्नलिखित वाक्यों में से समुच्चयबोधक शब्द छाँटकर भेद भी लिखिए—

(i) राम और श्याम घूमने जा रहे हैं।

(ii) मैंने काम नहीं किया क्योंकि मैं बीमार था।

(घ) निम्नलिखित शब्दों का संधि-विच्छेद कीजिए—

(i) विद्यालय

(ii) दिनेश

(ङ) निम्नलिखित वाक्य में उपयुक्त विराम-चिह्न लगाइए—

(i) हे भगवान तुमने क्या कर दिया

(ii) डॉ० ने कहा, नियम से दवाई खानी है। इस वाक्य में रेखांकित शब्द में कौन-से विराम चिह्न का प्रयोग किया गया है?

प्रश्न 2 निम्नलिखित गद्य पाठों पर आधारित प्रश्नों के उत्तर 25-30 शब्दों में दीजिए—

(2×2=4)

(क) धनराज पिल्लै किसे अपना आदर्श मानते थे? पाठ के आधार पर समझाइए। आपका पसंदीदा खिलाड़ी कौन हैं और क्यों?

(ख) कुँवर सिंह कैसे व्यक्ति थे? आप उनके किन गुणों को अपने जीवन में अपनाना चाहेंगे?

प्रश्न 3 निम्नलिखित पद्य पाठों पर आधारित प्रश्नों के उत्तर 25 से 30 शब्दों में दीजिए—

(2×2=4)

(क) 'भोर और बरखा' कविता के दूसरे पद में किसके बारे में और क्या बात की गई है तथा कृष्ण के आने के बारे में जानकर मीराबाई कैसा महसूस कर रही है?

(ख) 'एक तिनका' कविता के द्वारा कवि क्या संदेश देना चाह रहा है? स्पष्ट कीजिए।

मनुष्य अपने किन गुणों के कारण समाज में सम्मान प्राप्त करता है?

प्रश्न 4 निम्नलिखित पुरक पुस्तक के पाठों पर आधारित प्रश्नों के उत्तर 25-30 शब्दों में दीजिए— **(2×2=4)**

(क) यमराज ने युधिष्ठिर की परीक्षा कितनी बार तथा किस रूप में ली?

(ख) अश्वत्थामा ने शिविर में जाकर किन्हीं मार डाला और क्यों?

प्रश्न-5 (क) बढ़ते प्रदूषण से हो रही परेशानी को लेकर दो व्यक्तियों के बीच हो रही बातचीत को 70-80 शब्दों में संवाद के रूप में लिखिए। **(4×1=4)**

(ख) परीक्षा में प्रथम स्थान प्राप्त करने पर मित्र को बधाई देते हुए पत्र लिखिए। **(4×1=4)**

Subject- Mathematics

No. of Questions- 5

M.M-25

Q1. Choose the correct option:

(1x5=5)

(a) Which of the following rational numbers lie between $\frac{1}{3}$ and $\frac{2}{5}$?

(i) $\frac{51}{150}$

(ii) $\frac{61}{150}$

(iii) $\frac{71}{150}$

(iv) $\frac{81}{150}$

(b) If area of a circle is numerically equal to its circumference, then what is the radius of the circle ?

(i) 1 unit

(ii) 2 units

(iii) 3 units

(iv) 4 units

(c) On a particular day, out of 40 students in a class 8 were absent. What percentage of the students were present?

(i) 75%

(ii) 85%

(iii) 70%

(iv) 80%

(d) Two angles of a triangle are equal and third angle measures 80° . The measure of each of the equal angles is

(i) 55°

(ii) 60°

(iii) 50°

(iv) 65°

(e) An angle is equal to 5 times its complement, then its measure is

(i) 25°

(ii) 50°

(iii) 75°

(iv) 60°

Q2 (i) Draw a tree diagram showing terms and factors of the following expressions: (2)

(a) $8 - \frac{1}{2}t + m$

(b) $0.1x^2 - 0.4y^2 + 0.5z^2$

(ii) Verify the following: (3)

$$(-18) \times [(-3) + (-5)] = [(-18) \times (-3)] + [(-18) \times (-5)]$$

Q3(a) A circular pond is surrounded by a 2 m wide circular path. If outer circumference of circular path is 44m, find the inner circumference of the circular path. Also find the area of the path. (3)

(b) The cost of 26 toys is ₹ 1107.60. Find the cost of one such toy. (2)

Q4(a) A field is in the form of a right triangle with hypotenuse 100 m and one side equal to 60 m. Draw a neat figure and find the area of the field. (3)

(b) Solve the equation: $5x - 3 = x + 17$ (2)

Q5(a) In an examination, 98% of the total candidates passed and 16 candidates failed. How many candidates appeared for the examination? (2)

(b) Simplify the expressions and find the value of the following when $m = -3$, $n = 2$: (3)

(i) $m + 5(n-3) + 4$

(ii) $5(3m+10) + 2n + 14$

Subject: Science

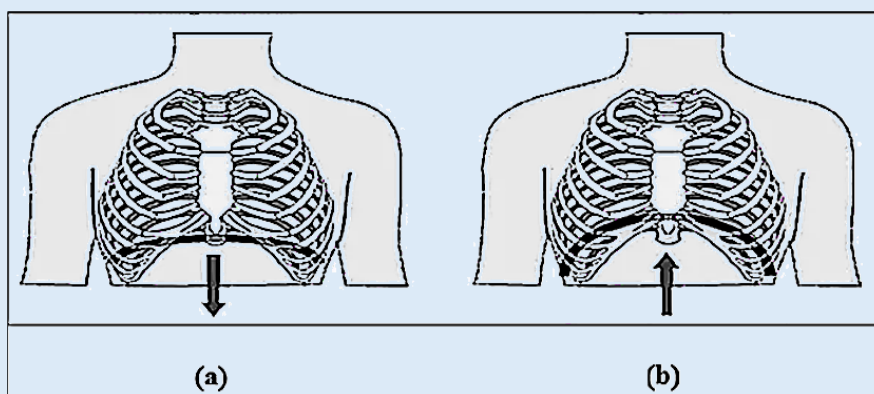
No. of Questions- 5

M.M-25

Q1. A student observed that yeast produces bubbles when added to a warm sugar solution. (5)

- (a) Name the type of respiration that takes place in the yeast.
- (b) Write the word equation for this process.
- (c) Why is less energy released in this process compared to aerobic respiration?
- (d) State the condition under which this type of respiration occurs in humans.
- (e) Why is this process harmful if it continues for a long time in muscles?

Q2. Observe the images given below and answer the following questions: (1+2+1+1=5)



- (a) Identify the process represented in figure 'a' and 'b'.
- (b) State two changes that occur in the chest cavity.
- (c) Explain how air rushes into the lungs during inhalation.
- (d) What will happen to the process of breathing if the diaphragm stops working properly?

Q3. (a) What is a circulatory system? (1+2+2=5)

- (b) Name the different organs in the circulatory system.
- (c) Given below are the blood reports of two patients. Analyse and answer the following questions:

Patient	RBC Count	WBC Count	Platelets
A	Normal	Very high	Normal
B	Very low	Normal	Very low

- (i) Which patient is at greater immediate risk? Give reasons.
- (ii) Explain how a low platelet count in Patient B affects blood clotting.
- (iii) Predict what might happen if Patient A's WBC count continues to rise unchecked over several weeks.

Q4. A car undertakes a journey in two stages: (2+2+1=5)

Car A: The car travels 1500 meters in 2 minutes.

Car B: The car then travels 3 kilometers in 5 minutes.

- (a) Convert the distances of both the cars into kilometers and the time durations into hours.
- (b) Calculate the speed of car A and B during its journey.

(c) Which car will move the fastest?

Q5. The following table shows the motion of a runner along a straight path: (3+2=5)

Time (minutes)	Distance from Start (meters)
0	0
2	100
4	200
5	200
7	300
10	500
12	500
15	650

(a) Plot the distance–time graph for the runner using the data.

(b) Identify the time intervals when the runner:

(i) Moves with uniform speed

(ii) Remains stationary

Subject: Social Science

History

No. of Questions:5

M.M:10

- Q1. What are miniature paintings? Which rulers encouraged them? (1)
- Q2. Create a Graphic Organizer (G.O.) showing the various dance forms of India along with the states they belong to. (1)
- Q3. How did the Jagannatha cult emerge as a local religious culture? (2)
- Q4. Differentiate between the Alvar saints and the Nayanar saints of the Bhakti movement.(3)
- Q5. Write short notes on the following. (1.5+1.5=3)
- i) Teachings of Guru Nanak.
 - ii) Philosophy of Kabir.

Civics

No. of Questions:5

M.M:10

- Q1. What is meant by the glass ceiling? (1)
- Q2. Enumerate any one point of difference between 'Media' and 'Mass Media'. (1)
- Q3. Explain the Right to Information and mention what it includes. (2)
- Q4. 'What do you understand by the term 'protective discrimination'? List any two points about the need for protective discrimination. (3)
- Q5. Explain any three major areas where gender discrimination affects women in India. (3)

Geography

No. of Questions:5

M.M:10

- Q1. What are the Sunderbans? (1)
- Q2. Why is the Amazon Basin referred to as a "gigantic zoo"? (1)
- Q3 Compare the Ganga–Brahmaputra Basin with the Amazon Basin on the basis of climate, vegetation, wildlife, and human activities. (2)
- Q4. Why is it important to conserve water? State any three ways by which individuals can help in conserving water in daily life. (3)
- Q5. Describe the process of the Hydrological (Water) Cycle with the help of a well-labelled diagram. (3)

Subject- Sanskrit

No of Questions – 5

M.M.- 25

सामान्य निर्देश -

- 1 सर्वेषाम् प्रश्नानाम् उत्तरम् संस्कृतस्य कक्षाकार्य पुस्तिकायाम् लिखत ।
 - सभी प्रश्नों के उत्तर संस्कृत की उत्तर पुस्तिका में लिखिए ।
- 2 सर्वेषाम् प्रश्नानाम् उत्तरम् क्रमानुसारम् लिखत ।
 - प्रत्येक खंड के प्रश्नों के उत्तर क्रमानुसार लिखिए ।
- 3 कार्यम् स्वच्छम् शुद्धम् स्पष्टम् लेखे च लिखत ।
 - कार्य स्वच्छ शुद्ध एवं स्पष्ट लेख में लिखिए ।

प्रश्न 1) चित्रं दृष्ट्वा मञ्जूषायां प्रदत्त पदानाम् सहायतया रिक्तस्थानानि पूरयत—

(1×4=4)

मञ्जूषा - वृक्षः , विद्यालयम् , कन्याः , चटका ।



- (क) चित्रे तिर्यङ् सन्ति ।
- (ख) अस्मिन् चित्रे आकाशे एका उड्डयति ।
- (ग) अत्र विशालः अस्ति ।
- (घ) एकः बालकः गच्छति ।

प्रश्न 2 अधोलिखिते संवादे मञ्जूषायाः उचितपदानि चित्वा रिक्तस्थानानि पूरयत (1×4=4)

मञ्जूषा — संस्कृतविषयः , एषः , किम् , अहम्

राहुलः - हे! अमन , त्वं किम् करोषि?

अमनः - अहम् तु पठामि ।

राहुलः - त्वम् [1] पठसि ?

अमनः - [2] संस्कृतम् पठामि ।

राहुलः - किम् [3] सरलः अस्ति ?

अमनः - आम् [4] तु अतिसरलः अस्ति ।

प्रश्न 3 निम्न प्रश्नानाम् उत्तराणि उचित विकल्पम् चित्वा लिखत । (1×3=3)

(क) धातु रूपाणि लिखत —

- (i) 'चर्' धातु- लृट् लकारः, प्रथम पुरुषः, एकवचने उचित रूपम् किम् भवति?
(क) चरिष्यति (ख) चरिष्यतः (ग) चरिष्यामः
- (ii) 'कृ' धातु- लट् लकारः, उत्तम पुरुषः, द्विवचने उचित रूपम् किम् भवति?
(क) करोति (ख) कुर्मः (ग) कुर्वः
- (iii) 'स्था' धातु- लोट् लकारः, मध्यम पुरुषः, एकवचने उचित रूपम् किम् भवति?
(क) तिष्ठतम् (ख) तिष्ठाव (ग) तिष्ठत

(ख) शब्द रूपाणि लिखत (1×3=3)

- (i) 'नदी' शब्द षष्ठी विभक्तिः, बहुवचने उचित रूपम् किम् भवति ?
(क) नद्याः (ख) नदीभ्याम् (ग) नदीनाम्
- (ii) 'किम्' शब्द पुल्लिङ्ग द्वितीया विभक्तिः, एकवचने उचित रूपम् किम् भवति ?
(क) किम् (ख) कान् (ग) कम्
- (iii) 'नर' शब्द सप्तमी विभक्तिः, द्विवचने उचित रूपम् किम् भवति ?
(क) नरम् (ख) नरान् (ग) नरयोः

प्रश्न 4 (क) अधोलिखितवाक्येषु उचितं अव्यय पदम् चित्वा रिक्त स्थानानि पूरयत — (1×3=3)

- (i) वर्षा भवति ।
(क) अद्य (ख) तव (ग) तत्र
- (ii) वृक्षस्य फलानि सन्ति ।
(क) अद्य (ख) ह्यः (ग) उपरि
- (iii) कक्षायां तिष्ठ ।
(क) शनैः (ख) तूष्णीम् (ग) शीघ्रम्

(ख) अधोलिखितेषु रिक्तस्थानेषु प्रकृति प्रत्ययं संयोज्य उचित पदम् विकल्पेन चित्वा रिक्त स्थानानि पूरयत— (1×3=3)

- (i) बालाः चलचित्रम् (दृश् + क्त्वा) प्रसन्नाः भवन्ति ।
(क) इष्ट्वा (ख) दृष्ट्वा (ग) दृष्ट्वा
- (ii) मननः कार्यं (कृ + क्त्वा) भोजनं खादति ।
(क) कृत्वा (ख) आगम्य (ग) प्रगम्य
- (iii) देवः मातरम् (नम् + क्त्वा) विद्यालयम् गच्छति ।

(क) नत्वा

(ख) न्नतुम्

(ग) नन्तवा

प्रश्न 5 (क) रेखांकित पदम् आधृत्य प्रश्नं निर्मीयताम् -

(1×3=3)

(i) विद्याविहीनः नरः पशुः अस्ति ।

(ii) शीलं परं भूषणम् ।

(iii) कालेन चटकायाः सन्ततिः जाता ।

(ख) अधोलिखितम् शब्दयोः अर्थम् लिखत —

(1×2=2)

आश्रयः , केयूराः

Subject: Computer Science

No. of questions: 5

M.M. 25

Q1. How can the user remove the conditional formatting applied to a data range in Excel? 1

Q2. Name the following tools of MS-Excel. $\frac{1}{2} \times 4 = 2$

i)



ii)



iii)



iv)



Q3. Guess who am I? $\frac{1}{2} \times 4 = 2$

- a) In Excel, I restrict you to enter a specific range of value in a particular cell or range of cells.
- b) I am a feature in Excel to separate unwanted data from range of data.
- c) I am a type of formatting in Excel that can be applied on the basis of criteria.
- d) I am an option in Excel that is selected when you want to add data bars to the cells having numeric data.

Q4. Answer the following questions. $2 \times 5 = 10$

- a) Explain the importance of data validation in Excel.
- b) Define Pivot table.
- c) Explain the purpose of the following criteria that can be applied using Conditional Formatting.
 - a) Colour Scales
 - b) Icon Sets
- d) What is the purpose of using the Subtotal command in MS Excel?
- e) What is a spreadsheet? Name the two common programmes for spreadsheets.

Q5. Write the Python programs for the following using different if statements: - $2 \times 5 = 10$

- i) to check whether the entered age is eligible to casting the vote or not.
- ii) to check whether the marks is above 50 and display the message well done or satisfactory.
- iii) to find out if the student is selected for the college or not based on the conditions given.
 - a) Selected if age > 18 and marks > 65
 - b) Not selected if age > 18 and marks < 65
 - c) Not selected if age < 18
- iv) to calculate the volume and surface area of cylinder.
(volume = $3.14 \times r \times \text{radius} \times \text{height}$) (surface_area = $2 \times 3.14 \times \text{radius} \times (\text{height} + \text{radius})$)
- v) to check if the given number is lucky or not on the following condition:
 - a) if the given number is greater than zero and is even, the print "Lucky Number" else print "Not a Lucky Number"

Note: - Paste the snip of the program code and the output window after each program.
Upload the pdf of the practical on Microsoft Teams.