RAO MOHAR SINGH MEMORIAL SR SEC PUBLIC SCHOOL
Winter holiday homework Worksheets

Class: VII B

Session:2025-26

WISHING ALL A WONDERFUL AND PROSPEROUS NEW YEAR !!!
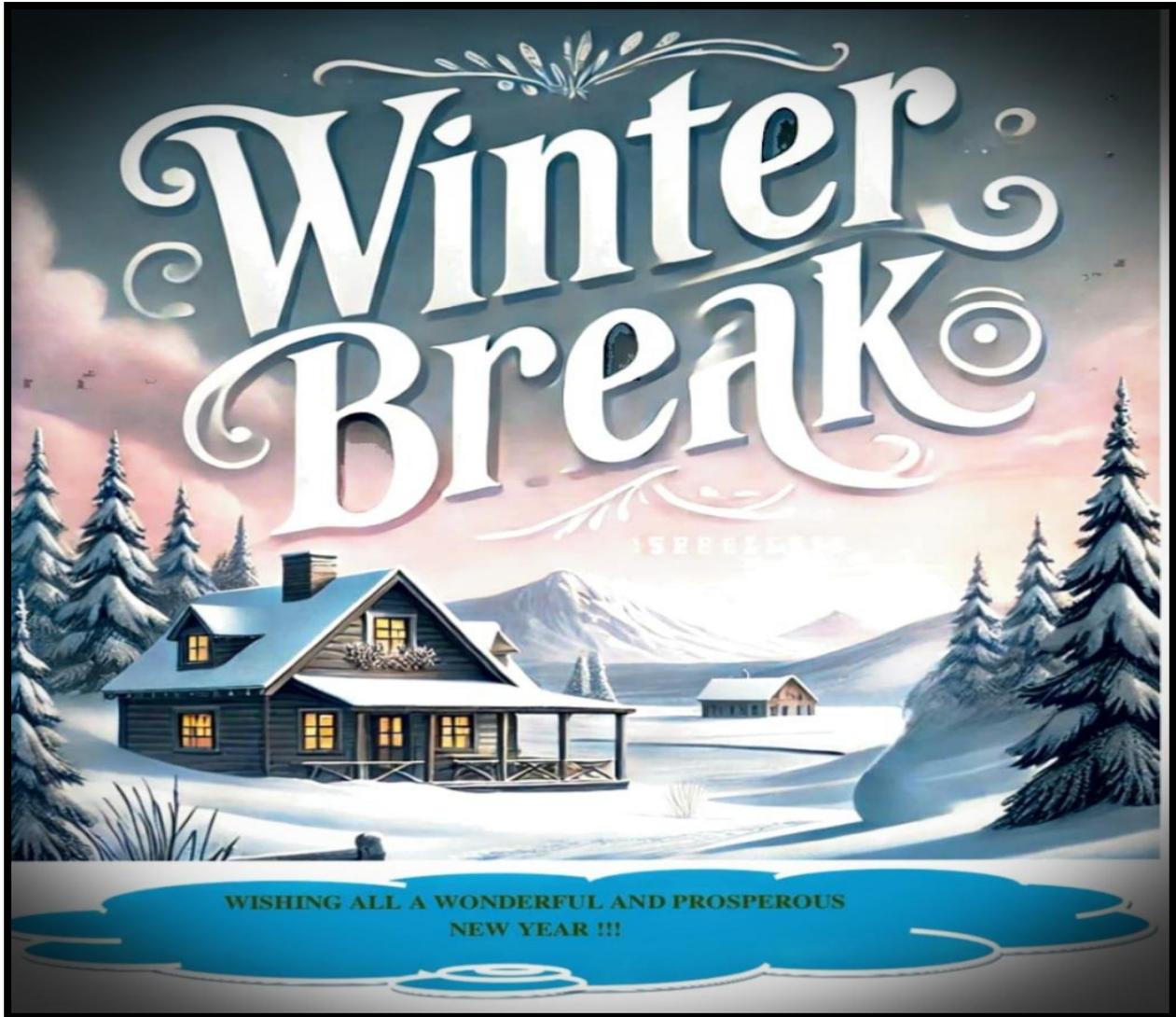
SUBJECT: ENGLISH

📖 **SECTION A: LITERATURE**

① **Prose Activity**

Choose any ONE lesson from your English textbook and do the following:

Write a short summary (120–150 words)

List 5 new words with meanings

Draw one picture related to the lesson

Write one moral/message of the story

② **Poetry Activity**

Choose any ONE poem from your book:

Write the central idea

Pick any four poetic devices (simile, rhyme, metaphor, etc.)

Write one stanza you liked most and explain why

Draw an illustration based on the poem

✍ SECTION B: WRITING SKILLS

③ **Creative Writing**

Attempt ANY TWO:

📑 Write a diary entry about your happiest holiday memory.

🎬 Write a paragraph on

"If I Were a Superhero" (120 words).

✉ Write an informal letter to your friend describing your summer vacation.

📚 Write a short story with the title

"The Day Everything Changed".

📚 SECTION C: READING SKILLS

4 Reading Task

Read one English storybook (story of your choice).

Write:

Name of the book

Author

Main characters

What you liked most

One lesson learnt

(You may paste or draw the book cover.)

SECTION D: GRAMMAR (IMPORTANT)

5 Grammar Practice

(A) Parts of Speech

Define noun, pronoun, verb, adjective

Write 5 examples of each

(B) Tenses

Write 2 sentences each in:

Present Tense

Past Tense

Future Tense

(C) Articles (a, an, the)

Fill in the blanks:

I saw ___ elephant at the zoo.

She is ___ honest girl.

The sun is ___ star.

(D) Prepositions

Fill in the blanks:

The cat is ___ the table.

We will meet ___ Monday.

The ball fell ___ the box.

(E) Synonyms & Antonyms

Write any 5:

Happy

Brave

Honest

Small

Fast

🎨 SECTION E: FUN ACTIVITY

6️⃣ **Vocabulary Scrapbook**

Make a mini dictionary of 10 new English words

Write:

Word

Meaning

Sentence

Decorate with colours and drawings 🎨

विषय-: हिंदी

⬦ **भाग 1 : साहित्य) पाठ्यपुस्तक वसंत (**

पाठ8 -(रहीम के दोहे (दोहों का भावार्थ नोटबुक में लिखो वह दो दो गे याद करो।

पाठ 11 (नीलकंठ (पाठ पढ़ो व शब्दार्थ और प्रश्न उत्तर याद करके नोटबुक में लिखो।

पाठ 12)खानपान की बदलती तस्वीर (
भारत के प्रत्येक राज्य के प्रमुख खाद्य पदार्थ का नाम लिखो। और उसकी विशेषता बताओ।

पाठ14)संघर्ष के कारण मैं तनुक मिजाज हो गया (
धनराज पिल्ले के जीवन के बारे में एक पेज लिखो। और पाठ के प्रअनुशासन का महत्व

पाठ15 ,(आश्रम का अनुमानित मेंव्यय (पाठ के शब्दार्थ याद करो और प्रश्न तो याद करके नोटबुक में लिखो।

⬦ **भाग 2 : रचनात्मक लेखन**

)i)निबंध लेखन) कोई एक) – (150 180–शब्द(

पर्यावरण संरक्षण

अनुशासन का महत्व

मेरा प्रिय खेल

)ii)**पत्र लेखन) कोई एक(**

मित्र को ग्रीष्मावकाश के अनुभव बताते हुए पत्र।

प्रधानाचार्य को विद्यालय में स्वच्छता बनाए रखने हेतु पत्र।

)iii)कहानी लेखन

विषय :परिश्रम का फल

अंत में सीख अवश्य लिखिए।

⬦ **भाग 3 : हिंदी व्याकरण**

)i)संज्ञा

परिभाषा लिखिए।

संज्ञाकेभेदउदाहरणसहितलिखिए।

(ii)सर्वनाम

परिभाषालिखिए।

10वाक्यलिखिएजिनमेंसर्वनामकाप्रयोगहो।

(iii)विशेषण

परिभाषालिखिए।

6वाक्यलिखिएजिनमेंविशेषणकाप्रयोगहो।

(iv)क्रिया

क्रियाकीपरिभाषाऔरभेदउदाहरणसहितलिखिए।

(v)काल

वर्तमानकाल, भूतकालऔरभविष्यकालकीपरिभाषाउदाहरणसहितलिखिए।

(vi)विलोमशब्द

कोईभी 20 विलोमशब्दलिखिए।

(vii)पर्यायवाचीशब्द

सूर्य, जल, पृथ्वी, राजा,ज्ञान–प्रत्येकके 4–4 पर्यायवाचीलिखिए।

⚜भाग 4 : सुलेख / लेखनअभ्यास

प्रतिदिन 1 पृष्ठसाफऔरसुंदरलिखावटमेंलिखनेकाअभ्यासकरें।

- **भाग 5 : बालमहाभारत) प्रश्नोंकेउत्तरदो(**
  (i)   इसकेआगेअनुसारकार्बनिकचक्रव्यूहकीरचनाकी?
  (ii)   अर्जुननेकिसकेसाथउतरकेविवाहकाप्रस्तावस्वीकारकिया?
  (iii)   विश्वमेंयुधिष्ठिरकेसंधिप्रस्तावकोसुनकरक्यासलाहदी?
  (iv)   श्रीकृष्णास्वयंहस्तिनापुरक्योंजानाचाहतेथे?
  (v)   पहलेश्रीकृष्णाकिसकेभवनमेंगए?
  (vi)   सूर्यकोकिसकाअन्शबतायागयाहै?
  (vii)   कुंतीक्योंव्याकुलहोगई?
  (viii)   कोरबाकेसेनापतिकौनथे?

(ix) घटोत्कचकौनथा?

(x) सुभद्राकेपुत्रकाक्यानामथा?

General Instructions:

All work must be done neatly in your Mathematics notebook.

Use pencil for figures, ruler for drawings, and color for charts.

Activity, charts, and models may be done on A4 or chart paper.

All questions are compulsory.

Q-1)Explain the following concepts in your own words.

1) percentages

2)Profit/loss

3)Simple interest

4)Perimeter and area of plane figures

5)Exponents and powers

6)Algebraic expressions

7)Simple equations

Q-2)Write clear definitions for:

Ratio and proportion

Percentage

Exponent

Variable and constant

Coefficient

Equation

Like /Unlike terms

Q-3)Prepare Charts (Any one)

Exponent rules chart

Percentage examples chart

Q-4)Prepare Models (Any-1)

Make a fraction/percentage wheel

Make rectangle and square models using cardboard showing area and perimeter

Activity for exponents: showing repeated multiplication

Q-5) Draw Figures on A4 sheets

Rectangle, square, parallelogram,Cube,cuboid

Q-6) Write Formulae and laws in mathematics notebook.

Write all the formulas from the chapter Perimeter and area

Write all the laws of exponents

Q-7)Explain the theorems(In your maths notebook/A3size sheet).   [Any 2]

Theorem 1): Multiplying numerator and denominator of a fraction by the same non-zero number does not change its value.Explain this with an example

Theorem2): Terms with different variables cannot be added or subtracted.

Look at $3x + 4y$. Can we add them? Explain your answer with reasoning.

.Theorem3): Multiplying or dividing both sides of an equation by the same non-zero number keeps it balanced.

 Solve $3x = 12$ by dividing both sides. Explain why it works.

Theorem4):Rectangles with the same perimeter may have different areas.

Draw two rectangles with perimeter 20 cm. Compare their areas and explain why they are different.

Q-8) Prepare a <u>PORTFOLIO ACTIVITY</u>

Net of a Cuboid

Instructions

Take a cuboid with length = 6 cm, breadth = 4 cm, height = 3 cm

Draw its net on an A4 sheet:

2 rectangles of length $\times$ breadth

2 rectangles of length $\times$ height

2 rectangles of breadth $\times$ height

Label all sides with correct measurements.

Use different colors to distinguish faces (optional)

Write a short note:

- How the net helps visualize the 3D cuboid in 2D.
- Relation of net to surface area of cuboid.

Cut out the net and fold to make the cuboid. Paste a small photo of your model in your portfolio.

SECTION A: MULTIPLE CHOICE QUESTIONS

1. The transfer of pollen from anther to stigma is called: a) Germination b) Fertilization c) Pollination d) Budding
2. Which tissue helps in upward movement of water in plants? a) Phloem b) Xylem c) Cambium d) Cortex
3. Image formed by a plane mirror is: a) Real and inverted b) Virtual and erect c) Real and erect d) Enlarged
4. Which device is used to control current in a circuit? a) Bulb b) Switch c) Wire d) Battery
5. Wastewater released from homes is called: a) Sewage b) Sludge c) Manure d) Drain
6. Which is a decomposer in the forest ecosystem? a) Deer b) Tiger c) Mushroom d) Grass

SECTION B: FILL IN THE BLANKS

1. Potato reproduces by _____ reproduction.
2. Loss of water from leaves is called _____.
3. The point where light rays meet is called _____.
4. A long wire produces more _____ effect of current.
5. Treated wastewater can be reused for _____.

SECTION C: VERY SHORT ANSWER QUESTIONS

1. What is vegetative propagation?
2. Name the liquid part of blood.
3. What is lateral inversion?
4. Name any one good conductor of electricity.
5. What is sludge?

SECTION D: SHORT ANSWER QUESTIONS

1. Differentiate between sexual and asexual reproduction in plants.
2. State properties of plane mirrors.
3. Explain waste water treatment plant with the help of flowchart

SECTION E: ACTIVITY-BASED QUESTIONS

- **Transportation Chart:** Draw a neat flow chart showing transportation of materials in plants
- **Mirror Magic:** Using a spoon, observe your image on both sides. Write your observations
- **Forest Poster:** Design a poster on *"Save Forests – Save Life".*

SECTION F: HOTS (Higher Order Thinking Skills)

1. Farmers prefer vegetative propagation for some crops. Why?
2. What would happen if xylem tissue stopped working in plants?

Learn with fun:

Jadav 'Molai' Payeng is an environmental activist and forestry worker from Majuli, popularly known as the 'Forest Man of India'. Over the course of several decades, he has planted and tended trees on a sandbar of the river Brahmputra turning it into a forest reserve.

Collect some more information about him with the help of your teacher, peer group or internet. How impressed you are with the efforts of Jadav? Can he be your role model?

QUESTION–ANSWER WORK

A. Answer the following questions:

1.Who were nomads? How were they different from settled communities?

2.What is patronage? Name two examples from medieval India.

3.Write three features of Mughal administration.

4.How did regional cultures develop in India?

5.Define valour. Mention one historical example.

6.What is the environment? Name its three components.

7.Explain how human beings interact with the environment.

8.What are natural resources? Write any three uses of forests.

9.What is equality? Why is it important in a democracy?

10.What are public facilities? Give two examples.

B. Short Notes (Write any FIVE):

1.Bhakti Movement

2.Sufi Saints

3.Regional Languages

4.Water Conservation

5.Human Environment

6.Markets

7.Temple Architecture

C. Very Short Answer Questions:

1.What is a market?

2.Name two natural resources.

3.What is water conservation?

4.Who provides public facilities?

5.What is human environment?

On an outline map of India, mark and label:

Any 5 major rivers

Any 3 mountain ranges

CASE STUDY

Read the passage and answer the questions:

A village does not have clean drinking water and schools. People travel far to meet their basic needs.

Which public facilities are missing in the village?

Who is responsible for providing these facilities?

How will these facilities improve people's lives?

CREATIVE & ACTIVITY WORK

1. Timeline Activity

Create a timeline of 5 important events from medieval Indian history using colours and drawings.

2. Environment Activity

Write 10 ways in which students can protect the environment at home and school.

PROJECT WORK (COMPULSORY)

Topic: "My Environment, My Culture, My Responsibility"

Include:

One page on Indian culture (food, dress, festivals, or dances of any one state)

One page on protecting the environment

At least 3 pictures

A short conclusion (5 lines)

REFLECTION

Write 5 lines on:"What I learnt from Social Science this year."

SUBJECT: ART

1 .Draw a posters on republic Day with slogan on A3 sheet.

2 .Craftwork: Make a wall hanging did the use of different things. (Plastic bottle, wooden stick , colorful sheets, tissue paper thread)

SUBJECT: COMPUTER

SECTION-A

Q1. Fill in the blanks:

    i.   A conditional statement checks whether a _____ is true or false.
    ii. The keyword used for the first condition is _____.
    iii. The keyword used for an alternative condition is _____.
    iv. The keyword used for multiple conditions is _____.
    v. A block of code inside an if-statement is written using _____.
    vi. In HTML, tables are defined using the <atble>, <tr> and <td> tags together to show _____ data.
    vii. The term Algorithmic Intelligence means intelligence shown through _____ and data – driven methods.
    viii.   stands for _____.
    ix. An algorithm is a step-by-step _____ to solve a problem.
    x. AI for SDGs supports the goal of _____ education and clean energy.

Q2. True or False:

    i.   If statement works only when the condition is true. ( )
    ii. Else can exist without an if. ( )
    iii. Python uses indentation to define a code block. ( )
    iv. Elif means "else-if". ( )
    v. <TD> tag stands for Table Duplicate.

Q3. Multiple Choice Questions:

    i.   Which is correct?

       a) if x = 5:   b) if x == 5:   c) if (x equals 5):
    ii. Which keyword checks another condition?
       a) if   b) else   c) elif
    iii. How many else statements?

       a) One   b) Two   c) Many
    iv. Algorithmic intelligence refers to:
       a) The ability of machines to follow a set of rules
       b) Robots with human emotions
       c) Automatic sensing
       d) Voice recordings systems
    vi. Ordered list in HTML are created using:

a)   b)   c)

SECTION-B

Q4. Answer the following questions:

    i.   Write any three advantages of using HTML5 over older versions.

    ii.   Define a conditional statement in Python with one example.

    iii.   Write the difference between the <th> and <td> tags.

    iv.   Explain the importance of AI for SDGs in the modern world.

    v.   What is an algorithm? Write one example from daily life.

SECTION-C

Q5. Practical Zone(Do on Computer or Notebook)

    i.   HTML Practical Task:
          Create a webpage titled "My favourite subjects" using HTML5 that includes:

- A heading and a short paragraph
- An ordered list of your 5 favourite subjects
- A table showing subject name, teacher's name, and your marks
- Background color or font styling using CSS

(Write the code in your notebook if you can't use the computer)

    ii.   Algorithm and Flowcharts Task:

- Write an algorithm to find the largest of three numbers.
- Draw a flowchart for the same.

    iii.   Python Coding Task:

- Write a Python program to check whether a number entered by the user is even or odd.
- Create a basic calculator in Python that can perform basic arithmetic operations.

Q6. Write a paragraph(6-8 lines) on the topic:

"How AI can help in achieve a better future for all".

Q7. Create a poster/chart according to given Roll No.:

    i.   "Artificial Intelligence for Sustainable Development Goals (AI for SDGs)". Use colors, symbols and examples like AI in education, healthcare and environment. **(Roll No.: 1-16)**

    ii.   Create a timeline chart of "Generation of computers." **(Roll No.:- 17-36)**

- 1st to 5th generation
- Mention key features devices used (vacuum tubes transistors IC

microprocessor AI) and one example of each.
- Use coloured boxes or arrows for clarity.

iii. Prepare a chart on "Memory Units and Storage devices." **(Roll No.: 37-48)**
- Show hierarchy: Bit → Byte → KB → MB → GB → TB
- Add pictures of storage devices like Hard Disk, Pen drive, CD, Cloud Storage, etc.

Q8. Explain in your own words how AI can support these SDGs:

- SDG3- Good Health and Well-being
- SDG4-Quality Education
- SDG 13- Climate Action

प्र.1 उचितंविकल्पंचित्वारिक्तस्थानेलिखत।

1. सप्त+ऋषि) सप्तार्षिः, सप्तर्षि, सप्तेषिः(…………

2. मम+एव) ममेव, ममिव, ममैव(…………..

3. सर्व+उपरि) सर्वपरि, सर्वोपरि, सर्वपरि(………..

4. पितृ+आदेशः) पितादेशः, पितरादेशः, पित्रादेशः(………..

5. यदि+अपि) यद्यापि, यद्यपि, यदियपि(…………

प्र.2 सन्धिःविच्छेदःवाक्रियताम्) सन्धिअथवाविच्छेदकीजिए(-

1. महर्षिः……….
2. चापि……..
3. ममेच्छा……
4. अध्ययनाभिलाषा………
5. भवति……..

प्र.3 सन्धिविच्छेदंपूरयत्–

(□)ग्रामप्रति–ग्रामम् + _____
(□)कार्यार्थम् - _____ + अर्थम्
(□)करिष्यत्येषा–करिष्यति + _____
(□)स्वोदरपूर्ति -:_____ + उदरपूर्तिः

प्र.4 स्वरसन्धिः परिभाषालिखत्

…………………………………………………………………………..

प्र.5 अनुच्छेदपठनतु -

उत्सवे, व्यसने,दुर्भिक्षे, राष्ट्रविप्लवे,
दैनन्दिनव्यवहारेचयःसहायतांकरोतिसःबन्धुःभवति।यदिविश्वेसर्वत्रएतादृशःभावःभवेत्तदाविश्वबन्धुत्वंसम्भवति।

उचितअर्थमेलयत्-

व्यसनेविश्व-भाईचारा

दुर्भिक्षेदेशमेंविपदापर

राष्ट्रविप्लवेसंकटकेसमय

विश्वबन्धुत्वम्अकालपड़नेपर

प्र.6 तत्पुल्लिंगसर्वनामशब्दरुपाणिलिखत्–

प्र.7 तत्) वह (स्त्रीलिंगसर्वनामशब्दरुपाणिलिखत्-

प्र. 8भारतेषड्ऋतवःभवन्तिवसंतः, ग्रीष्मः, वर्षाः,शरदः, हेमन्तः, शिशिरःच।ग्रीष्मकालस्यवर्षाऋतुःआगच्छति।वर्षाकाले, ग्रीष्मस्यतापेनशुष्काः, पादपाःपुनःहिरिताः।आकाशःकृष्णैः, मेधैःआच्छादितःभवति।नद्यःजलवेगेनप्रवहन्ति।कुत्रचित्कुत्रचित्चअनावृष्टिः।प्रतिकूलेःअभावात्किसानाःमहत्क्ष्टम्अनुभवन्ति।तेवर्षांडेवंप्रार्थयन्ति।वर्षाजलेंधाराशस्यश्यामलाभवति।एतत्द्दष्ट्वाकिसानाणांचित्तंसोनाहितम्भवति।

1.एकपदेनउत्तराणिलिखत्-

)क (भारतेकतिऋतवःभवन्ति?

)क(ग्रीष्मस्यपृच्छाकःऋतुःआगच्छति

2. पूर्णवाक्येनउत्तरत्,-

)क (किंदृष्ट्वाकिसानाणांचित्तंनोलाहितम्भवति?

)क (भारतेषड्ऋत्वःकेसन्ति?

3. वर्षाकालेग्रीष्मतपेनशुष्काःपादपाःपुनःहरिताःभवन्ति।‘इतिवाक्ये-

- (i) ‘भवन्ति’क्रियापदस्यकर्ताकः?) तापेन, हरिताः, पादपाः(
- (ii) ‘पादपाः’इतिपदस्यकिंकिंविशिष्टम्अत्रउपयुक्तम्?
- (iii) ‘तपेण’अत्रकिंविभक्तिःवचनम्च?

4. विपर्ययम्लिखितः -वृष्टिः

प्र.9 रेखाङ्कितानिपदानिअधिकृत्यप्रश्ननिर्माणंकुरुत-

)क (संस्कृतेज्ञानविज्ञानयोःनिधिःसुरक्षितोऽस्ति।

)ख (संस्कृतमेवसङ्गणकस्यकृतेसर्वोत्तमाभाषा।

)ग (शल्यक्रियायाःवर्णनंसंस्कृतसाहित्येअस्ति।

)घ (वरिष्ठान्प्रतिअस्माभिःप्रियंव्यवहर्त्तव्यम्।

प्र.10 उदाहरणानुसारंपदानांविभक्तिंवचनञ्चलिखत-

शब्द:	विभक्ति:	वचनम्

1. गतिः…… …   ………
2. नीतिम्।……..   ….. …
3. सूक्तय……..   ……….
4. शान्त्या………   ……….

प्र.11 संस्कृतेसंख्या) गिनती20 -50) लिखें।

प्र.12 मञ्जूषातःसमानार्थकपदानिचित्वालिखत-

पृथिवी।देवालये।जले।वने।मृगःभयङ्करम्

1. धरणी……..
2. विपिने……..
3. करालम्…….
4. सलिले……
5. हरिणः…….
6. मन्दिरे………

प्र.13 रमास्त्रीलिंगशब्दरुपाणिलिखत्।

प्र.14 कमलनपुंसकलिंगशब्दरुपाणिलिखत्-

प्र.15 चर) चलना (वर्तमानकाल, लृट्लकार, लड्लकाररूपाणिलिखत्

प्र.16 श्लोकानांहिंदीभावार्थंलिखत -

नचौरहार्यंनचराजहार्यंनभ्रातृभाज्यंनचभारकारि।

विद्याधनंसर्वधनप्रधानम्व्ययेकृतेवर्धतएवनित्यं।।

विद्यानामनरस्यरूपमधिकंप्रच्छन्नगुप्तंधनम्।

विद्याभोगकरीयशःसुखकरीविद्यागुरूणांगुरुः।।

विद्याबन्धुजनोविदेशगमनेविद्यापरादेवता।

विद्याराजसुपूज्यतेनहिधनंविद्या-विहीनःपशुः।।।।

प्र.17 संधिपरिभाषाउदाहरणंलिखत।

प्र.18 पठितगद्यांशपठित्वाप्रश्नानामुत्तराणिलिखत्-

परन्तुअधुनानिखिलेसंसारेकलहस्यअशान्तेःचववातावरणम्वातावरणम्अस्ति।अस्ति।मानवाःपरस्परंनविश्वसन्ति।तेपरस्यकष्टंस्वकीयंकष्टंनगणयन्ति।अपिचसमर्थाःदेशाःअसमर्थान्देशान्प्रतिउपेक्षाभावंप्रदर्शयन्ति, तेषाम्उपरिस्वकीयंप्रभुत्वंस्थापयन्ति।संसारेसर्वत्रविद्वेषस्य, शत्रुतायाः, हिंसायाःचभावनादृश्यते।देशानांविकासःअपिअवरुद्धःभवति।

(□)अधुनासंसारेकस्यवातावरणंदृश्यते?
(□)मानवा: परस्यकष्टंकिम्गणयन्ति?
(□)संसारेकस्यभावनादृश्यते?
(□)कुत्रप्रभुत्वंस्थापयन्ति?

प्र.19 अयादिसंधिपरिभाषाउदाहरणंचलिखत्-

प्र.20 व्यंजनविसर्गसंधिपरिभाषाउदाहरणंचलिखत्-