



WAMI VIVEKANAND PUBLIC SCHOOL, THAPAR COLONY

Winter Holidays Homework

Class – VI

This PDF contains assignments for the following subjects:

- English
- Hindi
- Mathematics
- Social Science
- Punjabi
- Sanskrit
- Computer Science

General Instructions :

- Complete all assignments neatly and on time.
- Use your own words and avoid plagiarism.
- Show all your work, especially for math problems.
- Present your work in a clear and organized manner.
- Use A4 size paper for written assignments.
- For creative projects, use your imagination and be original.
- If you have any questions, please contact your teacher.

*"Explore, learn, and have fun with these holiday
homework activities!"*



About Winter

Winter is a season of beauty, marked by frosty mornings, snowy landscapes, and holiday cheer. It's a time to embrace the cold while finding joy in activities that warm the heart. From outdoor adventures to cozy moments at home, winter offers something for everyone. Let's explore some creative and fun ideas to make your winter truly memorable.

Subject – English

English literature:- Ch-7,8,9,10,11

Read thoroughly all these chapters and practice book exercise and question answers.

English language:- Diary entry, descriptive paragraph, Article writing, story writing, notice writing, formal and informal letter.

Practice all these topics for final exams.

Revision Exercise

Exercise 1. Fill in the blanks with suitable prepositions:

1. As a child, Gandhiji was afraid darkness.
2. Shuchi sat the table to do her homework.
3. We went to Shimla train.
4. There is a bridge the river.
5. Please write your application ink.
6. The tired travellers sat the shade.
7. We have been busy Friday.
8. The ox was tied to a tree a strong rope.

Exercise 2. Tick (✓) the correct prepositions:

1. The soldier's sword lay (with, by, from) his side.
2. The frog jumped (in, into, at) the pond.
3. He sat (beside, besides) his cottage door.
4. I bought this book (for, with, in) fifty rupees.
5. I prefer milk (than, from, to) tea.
6. Father was angry (with, from, to) him for his poor result.
7. Hari was charged (of, with, from) theft.
8. We need a nurse to attend (to, upon, for) the patient.
9. Mr Sen has been searching (of, for, on) a new house.
10. Are you satisfied (at, with, from) the new office assistant?

Exercise 3. Join each pair of the following sentences using the conjunction given in brackets. Make any other changes that are necessary:

1. He has everything. He is not contented. (although)
2. It is true. Sumit was declared the man of the match. (that)
3. The Principal may be in her room. She may be on a round of the school. (or)
4. The Kiwis tried their best. They could not beat Team India. (still)
5. You should go to sleep early. You will not feel fresh tomorrow morning. (unless)
6. I shall clean the room. Neetu should help me. (if)
7. His business is prospering. He is fair in his dealings. (because)
8. I am fit. I should be allowed to play. (as)

Exercise 1.

(a) Give the past and past participle forms of these verbs: blow, bring, choose, cost, forget, hear, learn, shake, swim, shine.

(b) Rewrite the sentences given below adding one of the following expressions:

tomorrow everyday now only an hour ago yesterday

1. Is she sleeping
2. Did she come to the school
3. Does she go for a walk
4. Will she be leaving for Kerala
5. She reached

Exercise 2. Fill in the blanks with the simple present or the present continuous tense of the verbs given in the brackets:

1. My dog his tail whenever he is happy. (wag)
2. I the flowers now because I cannot do it later. (arrange)
3. Why TV when you should be doing your homework? (you watch)
4. Usually I every effort to solve the questions myself. (make)
5. Whenever Manjul to Delhi, he with me. (come, stay)

Exercise 3. Fill in the blanks with the simple past or the past continuous tense of the verbs given in the brackets:

1. When I tomatoes to prepare sandwiches, I my finger. (slice, cut)
2. As she into the bus, her bag on the road. (get, fall)
3. As I the flower vase, it through my hands, on the floor and into pieces. (pick, slip, fall, break)
4. She extremely well. Suddenly somebody and she nervous. (sing, shout, become)

Exercise 4. Fill in the blanks with correct modals along with the main verbs given in brackets:

1. It is quite chilly outside. You your head covered. (keep)
2. We others' views. (respect)
3. She is adequately qualified. She English to higher classes. (teach)
4. Papa, I a new cellphone on my birthday? (get)
5. Where is Nandita?
She in the kitchen helping her mother (a good possibility).
6. Children their nails quite regularly. (trim)
7. The Chief Minister says that the schools the sale of fast food in canteens. (ban)

Exercise 5. Change these sentences from active to passive voice:

1. The British ruled over India for a long time.
2. Pinki does not follow the rules.
3. They will repeat the mistake.
4. The birds are destroying the crop.
5. They were digging a canal.
6. We have forgotten the incident.
7. Sumit had already spent the money.
8. Mr Sehgal teaches us Chemistry.
9. Who edits the school magazine?
10. Did they treat the prisoner cruelly?

Present Simple Tense

He ____ (go) to school every day.

We ____ (play) football every Sunday.

The train ____ (leave) at 9 AM every morning.

They never ____ (eat) meat.

The sun ____ (rise) in the east.

Present Continuous Tense

She ____ (read) a book now.

They ____ (play) in the park at the moment.

I ____ (write) an email right now.

The kids ____ (watch) TV currently.

The phone ____ (ring).

Present Perfect Tense

He ____ (finish) his homework.

We ____ (see) that movie already.

They ____ (live) here for five years.

I ____ (never visit) Paris.

She ____ (just bake) a cake.



Past Simple Tense

He ___ (go) to the park yesterday.

I ___ (buy) a new car last week.

She ___ (meet) her friend two days ago.

We ___ (finish) the project last night.

They ___ (live) in Spain in 2010.

Past Continuous Tense

She ___ (cook) when I called her.

They ___ (watch) a movie while we were studying.

I ___ (sleep) at 10 PM yesterday.

He ___ (drive) home when it started to rain.

The children ___ (play) in the garden when it got dark.

Past Perfect Tense

He ___ (leave) by the time I arrived.

They ___ (finish) their dinner before the movie

Future Simple Tense

I ___ (call) you tomorrow.

She ___ (visit) her grandmother next week.

They ___ (start) their new job next month.

We ___ (go) to the party tonight.

He ___ (buy) a new house next year.

Future Continuous Tense

I ___ (be) studying at 6 PM tomorrow.

She ___ (be) working when you arrive.

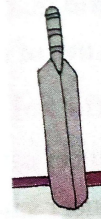
We ___ (be) traveling at this time next week.

They ___ (be) watching the game tonight.

He ___ (be) sleeping when you call.

F. Change the following sentences into reported speech using appropriate words to place and position.

1. Rita said to the teacher, "I submitted the work last week."
2. Sohan told Raghu, "I will come to your place next Tuesday."
3. The magician said to the children, "I will show you new tricks tomorrow."
4. Rita said to her friend, "I felt sick yesterday."
5. Namita looked at the bat and said, "I like this."
6. Mohit said to Meena, "I kept the books here."
7. He said to his mother, "It is going to rain today."
8. She said to her cousin, "I will watch the match tonight."



विषय – हिंदी

दीर्घ उत्तरीय प्रश्न

- 1) कविता की दूसरी पंक्ति में भारत को बुढ़ा कहकर कर और उसमें नए जमाने आने की बात कहकर सुभद्रा कुमारी चौहान क्या बताना चाहती हैं?
- 2) झांसी की रानी के जीवन की कहानी अपने शब्दों में लिखो और यह भी बताओ कि उनका बचपन तुम्हारे बचपन से कैसे अलग था?
- 3) वीर महिला की इस कहानी में कौन-कौन से पुरुषों के नाम आए हैं ? इतिहास के कुछ अन्य वीर स्त्रियों की कहानी खोज कर लिखो ।
- 4) "जिन लोगों के पास आंखें हैं वे सचमुच काम देखते हैं"- हेलेन केलेर को ऐसा क्यों लगता था?
- 5) हेलेन केलेर प्रकृति की किन चीजों को छूकर और सुनकर पहचान लेते थे पथ के आधार पर इसका उत्तर लिखो।
- 6) गोल चमकीला रोड़ा अपनी क्या कहानी बताता है?
- 7) गोल चमकीले रोड़े को यदि दरिया और आगे ले जाता तो क्या होता ? विस्तार से उत्तर लिखो।
- 8) अपने छुटपन में बच्चे अपनी मां के बहुत करीब होते हैं । इस कविता में नजदीकी की कौन-कौन सी स्थितियां बताई गई हैं?
- 9) यह क्यों कहा गया है कि बड़ा बनाकर मां बच्चे को छलती है?
- 10) निबंध में लोकगीतों के किन पक्षों की चर्चा की गई है ? बिंदुओं के रूप में उन्हें लिखें।
- 11) हमारे यहां स्त्रियों के खास गीत कौन-कौन से हैं? आश्रम में कॉलेज के छात्रों से गांधी जी ने कौन-सा काम करवाया ? और क्यों?
- 12) लंदन में भोज पर बुलाए जाने पर गांधी जी ने क्या किया?
- 13) नगर से बाहर निकल कर दो पग चलने के बाद सीता की क्या दशा हुई?
- 14) "अब कितनी दूर चलना है , पूर्ण कुटी कहां बनाएगा" - किसने किससे पूछा और क्यों?
- 15) पाठ के आधार पर वन / के मार्ग का वर्णन अपने शब्दों में करो।

व्याकरण

मुहावरे 12 से 25 तक

निबंध - गणतंत्र दिवस, होली

अनुच्छेद- बाल-श्रम (एक अपराध) ,

मेरे देश की धरती, मेट्रो रेल, काश में पक्षी बन जाता, जब मैं कक्षा में शरारत करते हुए पकड़ा गया /पकड़ी गई।

निबंध : गणतंत्र-दिवस, होली, पर्यावरण - प्रदूषण

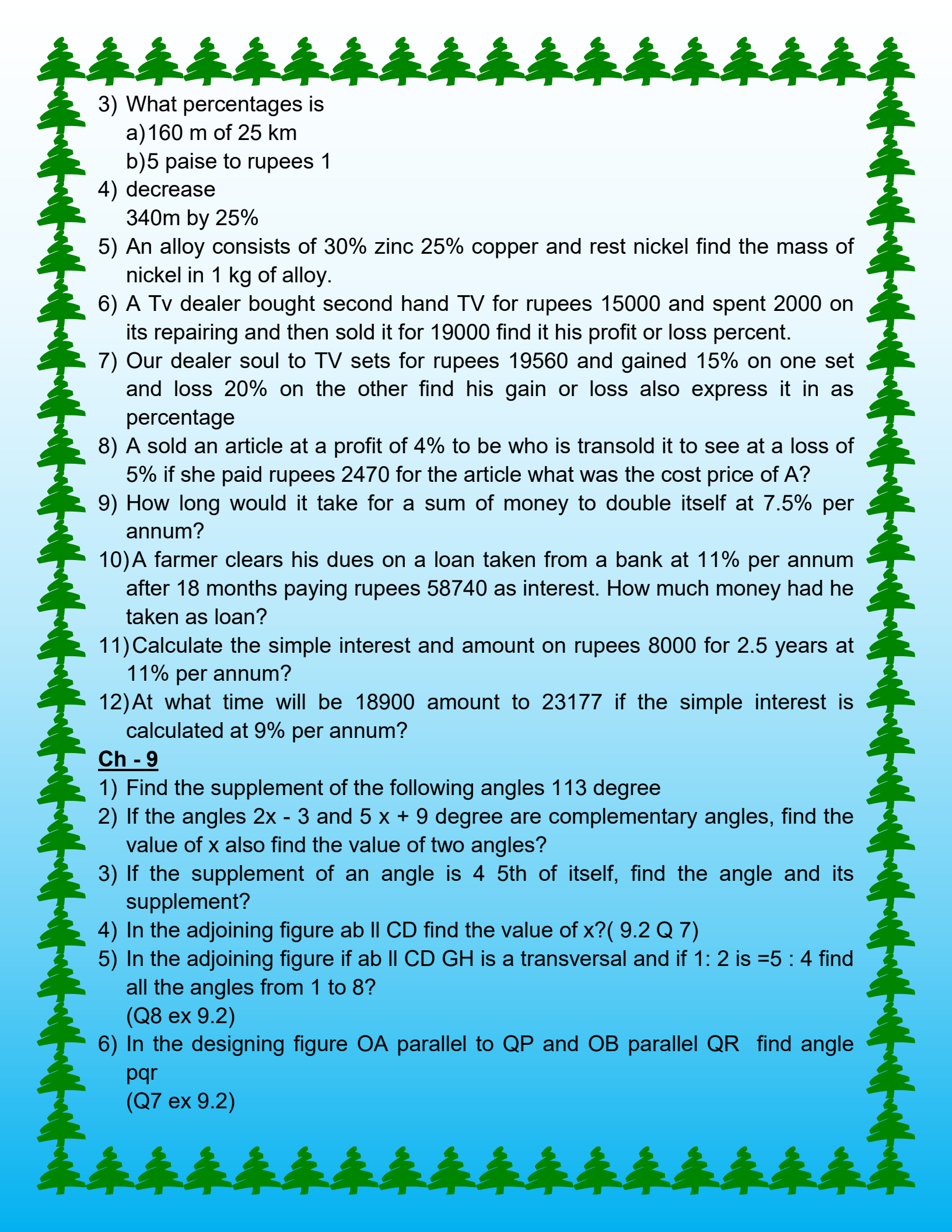
Subject – Mathematics

Ch – 11

- 1) The perimeter of a square is 32 cm find the length of a side and area of a square
- 2) A wire is in the shape of rectangle of dimension 38 cm * 34 CM if the same wire is regent into a square what will be the measure of its sides but and closes more area the rectangle or the square.
- 3) Rectangular lawn 80 m * 60 m has two roads each 10 m wide running in the middle of it on parallel to the length and the other parallel to the breath find the cost of graveling them at 8 paise per square metre
- 4) The dimensions of a rectangular garden are 28 m / 15 m there is a path 2 m wide all around inside the ground. Find the area of the garden without the path. What is the area of the path?
- 5) Find the altitude of the parallelogram of area 22.75 m square the base 35 dm?
- 6) Find the height of a triangle whose base is 16 cm and area 72 CM square
- 7) The circumference of circle excited diameter by 16.8 cm find the radius of a circle
- 8) Race track in the form of ring whose inner circumferences for 40 m and the outer circumferences 506m find the width of the track?
- 9) The area of a circle is 616 square find its circumference?
- 10) A wire is circular in shape with a radius of 49 cm. It is bent in the shape of a square. What will be the area of the square formed?

Revision Assignment

- 1) Express each of the following as percentage
(a) $\frac{3}{5}$. (b) $\frac{51}{100}$
- 2) Express as simplest form
15.25%

- 
- 3) What percentages is
- a) 160 m of 25 km
 - b) 5 paise to rupees 1
- 4) decrease
340m by 25%
- 5) An alloy consists of 30% zinc 25% copper and rest nickel find the mass of nickel in 1 kg of alloy.
- 6) A Tv dealer bought second hand TV for rupees 15000 and spent 2000 on its repairing and then sold it for 19000 find its profit or loss percent.
- 7) Our dealer sold two TV sets for rupees 19560 and gained 15% on one set and loss 20% on the other find his gain or loss also express it in as percentage
- 8) A sold an article at a profit of 4% to be who is resold it to see at a loss of 5% if she paid rupees 2470 for the article what was the cost price of A?
- 9) How long would it take for a sum of money to double itself at 7.5% per annum?
- 10) A farmer clears his dues on a loan taken from a bank at 11% per annum after 18 months paying rupees 58740 as interest. How much money had he taken as loan?
- 11) Calculate the simple interest and amount on rupees 8000 for 2.5 years at 11% per annum?
- 12) At what time will be 18900 amount to 23177 if the simple interest is calculated at 9% per annum?

Ch - 9

- 1) Find the supplement of the following angles 113 degree
- 2) If the angles $2x - 3$ and $5x + 9$ degree are complementary angles, find the value of x also find the value of two angles?
- 3) If the supplement of an angle is $\frac{4}{5}$ th of itself, find the angle and its supplement?
- 4) In the adjoining figure $ab \parallel CD$ find the value of x ? (9.2 Q 7)
- 5) In the adjoining figure if $ab \parallel CD$ GH is a transversal and if $1: 2 = 5: 4$ find all the angles from 1 to 8?
(Q8 ex 9.2)
- 6) In the adjoining figure $OA \parallel QP$ and $OB \parallel QR$ find angle pqr
(Q7 ex 9.2)

Subject - Social Science

Short Questions

1. Difference between parallels and meridians?
2. Give one real life example where you know knowledge of latitude and longitude would be crucial?
3. Differentiate between geographical boundaries and political boundaries?
4. List the various food and economic activities found in Rajasthan?
5. What changes took place in human life after the shift from a Nomadic lifestyle to settle life?
6. Describe two factors that lead to a settled lifestyle?
7. What are the sources of information about the period when kingdoms were being established in India?
8. How were the mahajanapadas different from janapadas?
9. What were the similarities and dissimilarities between political systems of republics and monarchies in mahajanapadas?
10. Who were the main officials in the administration of Magadha and what were their duties?
11. How did Magadha empires and agriculture and irrigation help in boosting economic growth and prosperity?
12. Enlist an eightfold path given by the Buddha?
13. Write a short note about the people and society of Japan?
14. How much is the forest cover in Japan and which trees are prominent?
15. What are some of the major industries in Japan? Name a few well known companies in these sectors?
16. Defines.
 - a) Parliament
 - b) Peninsula
 - c) Constitution
 - d) Expansionist policy
 - e) Upanishads
 - f) Nirvana
 - g) Bhikkhus
 - h) Empire
 - i) Provinces
 - j) Economic policy
 - k) Jana
 - l) Sangha
 - m) Painted grey ware
 - n) Surplus
 - o) Migration
 - p) Civilization
 - q) Backwaters
 - r) Monuments
 - s) Heritage
 - t) Latitude
 - u) Northern hemisphere
 - v) Equator

Long Question

1. Difference between latitude and longitude
2. Do you think the geographical diversity of India is more of an advantage or a challenge for the community to justify your answer?
3. Compare the early settled life with the modern lifestyle. List the similarities and differences between the two.
4. What was the importance of the great granary in Indus valley civilization to write its features?
5. Describe the various systems as it existed during the period of mahajanapadas?
6. Describe the local administration of the Magadha Empire?
7. What do you discuss about

Subject – Punjabi

Do all this work in separate note book and learn it.

੧. ਪੱਤੀ ਅੱਖਰੀ ਦੱਸ ਪੇਜ ਲਿਖੋ।

੨. ਦਰਸਾਏ ਗਏ ਸ਼ਬਦ ਦੀ ਆਵਾਜ਼ ਨ ਰਲਦੀ ਆਵਾਜ਼ ਵਾਲੇ ਸ਼ਬਦ ਨੂੰ ਪਛਾਣੋ :-

- 1) ਬਾਲ- ਮਾਰ ਮਾਸ ਮਾਲ ਕਾਰ
- 2) ਤਾਰਾ -ਪਾਪਾ ਦਾਦਾ ਸਾਰਾ ਹਰਾ

3) ਹਲਕਾ-ਖੜਕਾ ਨਲਕਾ ਗਮਲਾ ਹਮਲਾ

4) ਕਿਤਾਬ-ਕਿਸਾਨ ਕਣਕ ਕਤਾਰ ਹਿਸਾਬ

5) ਦਿਨ-ਦਨ ਮੀਨ ਮਿਨ ਖਿਲ

6) ਹੀਰਾ-ਜੀਰਾ ਕਾਲੀ ਕਲੀ ਪਾਲੀ

7) ਕੀੜੀ-ਚਿੜੀ ਭੀੜੀ ਭੀੜਾ ਮੀਂਹ

8) ਲੀਕ-ਦੀਪ ਠੀਕ ਕੀਤਾ ਸੀਤਾ

9) ਸੁਟ-ਸੁਤ ਰੂਪ ਬੁਟ ਨੂਰ

10) ਤੂੜੀ-ਸੂਰਜ ਮੂਰਖ ਤੂੜੀ ਪੂਰੀ

੩. ਲਿੰਗ ਬਦਲੋ:-

ਕਬੂਤਰ-

ਸੇਵਕ-

ਸ਼ੇਰ-

ਸ਼੍ਰੀਮਾਨ-

ਮੱਖ-

ਪੱਖਾ-

੪. ਵਚਨ ਬਦਲੋ:-

ਸੰਦੂਕ-

ਹਵਾ-

ਕਿਤਾਬ-

ਅਲਮਾਰੀ-

ਸਲੇਟ-

ਕੇਲਾ-

੫. 10 ਰੰਗਾਂ ਦੇ ਨਾਮ ਲਿਖੋ।

੬. 10 ਫਲਾਂ ਦੇ ਨਾਮ ਲਿਖੋ।

੭. 10 ਸਬਜ਼ੀਆਂ ਦੇ ਨਾਮ ਲਿਖੋ।

੮. ਦਿਨ ਅਤੇ ਮਹੀਨਿਆਂ ਦੇ ਨਾਮ ਲਿਖੋ।

੯. ਹੇਠ ਲਿਖੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਲਿਖੋ।

ੳ) ਘਰ ਵਾਲੇ ਕਿਸ ਤੋਂ ਤੰਗ ਸਨ?

ਅ) ਬਿੱਲੀ ਨੇ ਕੀ ਕੀਤਾ?

ੲ) ਚੂਹੇ ਕੀ ਕਰਨਾ ਚਾਹੁੰਦੇ ਸਨ?

ਸ) ਕਵਿਤਾ ਗਾਉਣ ਵਾਲਾ ਬੱਚਾ ਕਿਹੋ ਜਿਹਾ ਹੈ ?

ग) साहुं आपटे ते हटेतीआं नाल की करना चाहीदा है ?

१०. मेरा परिचय (1-10 lines)

११. कगटी (कां दी पिआस)

Subject – Sanskrit

नोट- सभी पढ़न करने अनिवार्य है। साफ-साफ एवं
सुन्दर लिखें।

I-प्रश्न- निम्नलिखितानि पढ़नामानि उत्तरत—
क-प्रश्न- एषः कुः आसित् ?
ख-प्रश्न- तौ का स्तः ?
ग-प्रश्न- एते के समित् ?
घ-प्रश्न- एषा का आसित् ?
ङ-प्रश्न- जनाः कस्मै उद्यानं गच्छन्ति ?
च-प्रश्न- माता कस्मै फलं यच्छति ?
छ-प्रश्न- पुत्री कस्मै पुष्पाणि अर्पयति ?
ज-प्रश्न- नद्याः केभ्यः वहन्ति ?
झ-प्रश्न- पुत्री कस्मै पुष्पाणि अर्पयति ?
ञ-प्रश्न- माता केभ्यः उद्यानं गच्छति ?
ट-प्रश्न- कस्मात् पत्राणि पतन्ति ?
ठ-प्रश्न- पाथकः कुतः आयाति ?
ड-प्रश्न- जनकः कुतः गृहम् आगमिष्यति ?
ढ-प्रश्न- छात्राः केभ्यः पठन्ति ?
I-प्रश्न- किं नियंत्रितम् कर्तव्यम् ?
८-प्रश्न- श्री कृष्णः किं दत्तवान् ?
९-प्रश्न- सुदामा कः आसीत् ?
१०-प्रश्न- द्रोणाः कासु तिष्ठन्ति ?
११-प्रश्न- केषु पुष्पाणि विकसन्ति ?
१२-प्रश्न- कोकिनाः कस्मिन् वृक्षे तिष्ठन्ति ?
१३-प्रश्न- सुवर्तव्यः दिक्कः कदा अवति ?
१४-प्रश्न- की वक्ता कुत्र तिष्ठति ?

II-प्रश्न- नवम पाठ से अष्टदश पाठ तक अभ्यास कार्य
को अपने पुरस्कार में लिखें ?

III-प्रश्न- पाठ नवम से अष्टदश तक शब्दार्थ याद करें।

IV-प्रश्न- फल और लता शब्द रूप याद करें एवं अपनी
पुरस्कार में लिखें ?

V-प्रश्न- पत, अस, गम और पठ चारु रूप लुटलकार में लिखें।

2. कोष्ठकात् उचितपदानि चित्वा रिक्तस्थानानि पूरयत-

कोष्ठक से उचित पद चुनकर रिक्त स्थानों को पूरा कीजिए-
(Fill in the blanks by choosing correct words from the brackets)

- | | | |
|---------------|---------|------------------------|
| (क) सः एकं | खादति। | (फले/फलम्) |
| (ख) त्वम् एकं | स्मरसि। | (पाठौ/पाठम्) |
| (ग) अहम् | करोमि। | (नृत्यम्/नृत्यः) |
| (घ) बालकौ | गच्छतः। | (विद्यालयः/विद्यालयम्) |
| (ङ) सा | पश्यति। | (कोकिलाम्/कोकिलया) |

3. कोष्ठकात् उचित-क्रियापदः चित्वा रिक्तस्थानानि पूरयत-

कोष्ठक से उचित क्रिया पद चुनकर रिक्त स्थानों को पूरा कीजिए-
(Fill in the blanks by choosing proper verbs from the brackets)

- | | |
|--------------------|-------------------|
| (क) त्वम् पाठ | पठत/पठसि। |
| (ख) वयम् चित्रं | पश्यन्ति/पश्यामः। |
| (ग) ताः गृहाकार्यं | कुर्वन्ति/करोति। |
| (घ) तानि गृहं | गच्छति/गच्छन्ति। |
| (ङ) युवाम् कथां | पठथ/पठथः। |



भाषा अध्ययनम् (Language Learning)

1. अधोलिखितेषु वाक्येषु रेखांकितपदेषु यथानिर्देशेन वचन-परिवर्तनं कुरुत-

निम्नलिखित वाक्यों में रेखांकित पदों का निर्देशानुसार वचन-परिवर्तन कीजिए-
(Change numbers of the underlined words in given sentences as directed)

- | | | |
|----------------------------|------------|-------|
| (क) गजाः कदलीफलम् खादन्ति। | (बहुवचने) | |
| (ख) त्वम् पुत्रं लिखसि। | (द्विवचने) | |
| (ग) वयम् भजनानि गायामः। | (एकवचने) | |
| (घ) यूयम् सैनिकान् नमथः। | (द्विवचने) | |
| (ङ) आवाम् चित्रं पश्यावः। | (बहुवचने) | |

2. अधोलिखितानां वाक्यानां कर्मकारकं रेखांकितं कुरुत-

निम्नलिखित वाक्यों में कर्मकारक को रेखांकित कीजिए- (Underline the instrumental case in the following)

- | | |
|----------------------------|------------------------------|
| (क) बालः लेखं लिखति। | (ख) छात्राः अध्यापकं नमन्ति। |
| (ग) सैनिकाः देशं रक्षन्ति। | (घ) अहम् उद्यानं गच्छसि। |
| (ङ) ते कार्यालयं गच्छन्ति। | |



क्रियापरापम् (Activity)



Subject – Computer Science

Assignment

One-Word Questions (20 marks)

1. What is the basic building block of a webpage?
2. Which programming language is known as the "batteries included" language?
3. What does HTML stand for?
4. Name the tag used to create a heading.
5. What is the purpose of an AI?
6. What is a program that mimics human intelligence?
7. What is the tag used to create an unordered list?
8. What is the output of `print("Hello World")` in Python?
9. What is the type of app used for playing games?
10. What is the type of app used for online shopping?
11. What is the tag used to create a line break?
12. What is the symbol used for comments in Python?
13. What is the type of app used for video calls?
14. What is the type of app used for learning a new language?
15. What is the tag used to make text bold?
16. What is the type of app used for navigation ?
17. What is the type of app used for social networking?
18. What is the type of app used for checking weather?
19. What is the term for a computer that can learn and make decisions on its own?
20. What is the tag used to create a paragraph?

Short Answer Questions (30 marks)

1. What are the two main types of apps?
2. Mention two advantages of using HTML.
3. What are the basic data types in Python?
4. What is the difference between machine learning and deep learning? (Machine learning involves training algorithms on data, while deep learning uses artificial neural networks with multiple layers.)
5. How can AI be used in our daily lives?
6. What is the purpose of the `<head>` tag in HTML?
7. What is an algorithm?
8. What is the purpose of the `input()` function in Python?
9. What are some common applications of AI?
10. What is the importance of ethical considerations in AI development?



Long Answer Questions (40 marks)

1. **Explain the different types of apps with examples.** (Discuss native apps, web apps, hybrid apps, and their advantages/disadvantages)
2. **Describe the basic structure of an HTML document.** (Include explanations of tags like `<html>`, `<head>`, `<body>`, and their purposes)
3. **Write a short Python program to calculate the area of a rectangle.** (Explain the code and the logic involved)
4. **Discuss the potential benefits and risks of artificial intelligence.** (Provide specific examples for each)
5. **Explain how machine learning is used to train a model to recognize images of cats.** (Discuss the concept of training data, features, and classification)

**"WISHING YOU A
WONDERFUL HOLIDAY
SEASON FILLED WITH JOY
AND CHEER."**

