



तत् त्वं पूषन् अपावृणु
केन्द्रीय विद्यालय संगठन

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SHIKAR (BSF)
GURDASPUR (PUNJAB)
HOLIDAY HOMEWORK (WINTER
BREAK)

22/12/2019- 12-01-2020

CLASS-1 (2019-20)

ENGLISH	<ol style="list-style-type: none">1) Do ten pages handwriting in Cursive Writing Book.2) Read aloud one page daily from Marigold.3) Write down Months Name and Days of Week on A-4 paper.4) Learn and Write 10 Opposite Words and 10 Rhyming Words.5) Learn Unit-7 for Cycle Test-6
हिन्दी	<ol style="list-style-type: none">1) सुलेख पुस्तिका में 10 पेज सुलेख लिखें 2) रिमझिम पुस्तिका में से रोज़ाना एक पेज पढ़ें 3) दिनों के नाम, महीनों के नाम लिखें व याद करें 4) पाठ – 12, 13, 14, 15 चक्रीय परीक्षा - 6 के लिए याद करें
MATHS	<ol style="list-style-type: none">1) Write and learn Number's Name from 21 to 100.2) Write and learn Tables from 2 to 8.3) Practice 10 sums related to Addition and Subtraction.4) Practice forward counting from 1 to 200 and backward counting from 200 to 1.5) Practice Chapter -7, 8, 9 for Cycle Test-5.
EVS	<ol style="list-style-type: none">1) Write down any 10 healthy habits and follow them in your daily life. (A-4 paper)2) Make a poster on Save Water.3) Prepare a Greeting card for Christmas / New Year.4) Learn Topic –Water for Cycle Test-6.
	Note:- Do all the work in a separate 3 in 1 notebook.

CLASS-2 (2019-20)

ENGLISH	<ol style="list-style-type: none">1) Do ten pages handwriting in Cursive Writing Book.2) Make three words from the given letters- P , S, J, D.3) Learn and Write 10 Opposite Words and 10 Rhyming Words.4) Learn Unit-8 and 9 for Cycle Test-6.5) Read aloud one page daily from Marigold.
हिन्दी	<ol style="list-style-type: none">1) पाठ- बस के नीचे बाघ और कविता-बाघ का बच्चा चक्रीय परीक्षा-6 के लिए याद करें 2) विषय – “बाघ” पर पांच पंक्तियाँ लिखे व याद करें 3) जंगली जानवरों के नाम लिखे व याद करें (कोई दस)4) यातायात के साधनों के नाम लिखे व याद करें (कोई दस)5) 30 से 40 तक गिनती हिंदी में लिखे
MATHS	<ol style="list-style-type: none">1) Do activity- “Catch the Ball” and add your points.2) Practice Chapter -9,10 for Cycle Test-6.3) Write and learn Tables from 2 to 10.4) Practice 10 sums related to Addition and Subtraction.5) Write and learn Number’s Name from 01 to 100.
EVS	<ol style="list-style-type: none">1) Revise Topic-Plants for Cycle Test-6.2) Draw a Plant and label its various parts on A-4 sheets.3) Learn and write functions of different parts of a plant.4) Draw a root , a stem and a leaf that you like to eat.5) Paste pictures of different types of plants around us and also classify them as Shrubs, Herbs , Climbers and Tree.
	Note:- Do all the work in a separate 3 in 1 notebook.

CLASS-3 (2019-20)

ENGLISH	<ol style="list-style-type: none">1. Do 10 pages handwriting in a cursive writing book.2. Learn unit-7,8,9 for Periodic Test-23. Write a letter to your grandfather/friend thanking him for a birthday gift.4. Write 15 opposite words, 15 change the gender and 15 change the number.5. Read English newspaper daily and write two new words with meaning from the newspaper with the help of your parents.
HINDI	<ol style="list-style-type: none">1. 10 पेज सुलेख लिखो (सुलेख-पुस्तिका में)2. पाठ-9, 10, 11, 12 आवधिक परीक्षा-2 के लिए याद करें।3. "मेरा शीतकालीन अवकाश" विषय पर एक अनुच्छेद लिखो (A-4 पेपर पर)4. 10 विलोम शब्द, 10 पर्यायवाची शब्द व 10 मुहावरे व उनके अर्थ लिखो (A-4 पेपर पर)
MATHS	<ol style="list-style-type: none">1. Practice chapter 8,9,102. Learn and write tables from 2 to 153. Practice 10 sums of multiplication.4. Write all odd number from 1 to 1005. Write all even number from 1 to 100
EVS	<ol style="list-style-type: none">1. Learn L-13 to 19 for PT-22. Make a model of letter box.3. Paste the pictures of different types of houses in a scrap book. Also write their names.

CLASS-4 (2019-20)

English	<ol style="list-style-type: none">1.Revise the full syllabus for Periodic test 2.(From The Milkman 's cow upto the Poem Books)2.Solve the given question bank (related to unit 7 and unit 8)3.Write ten pair of Similar sounding words.(Homophone) ex. Too – two4. Describe Hiawatha,his home and friends in ten lines.5. Write any two slogans on A- 4 sheet on IMPORTANCE OF TREES.6. Write ten pages of handwriting.
MATHS	<ol style="list-style-type: none">1. Revise chapters 8 to 11 full for periodic test 2.2.Solve the given question bank (from chapters 8 to 11)3.Write any two secret messages and decode it.(ch-10)4.Draw a circle and mark its centre,diameter,radius and chord.(ch-8)5.Practice any 8 word Problems (related to chapters 8,9,10,11)6. Learn and write tables from 12 to 20.
हिन्दी	<ol style="list-style-type: none">1. दस पेज सुलेख करें ।2. कोल्हू का बैल मुहावरे पर पांच वाक्य लिखो ।3. कार्यपत्र हल करे ।4. पाठ्य पुस्तक के पाठ 08 से 11 तक प्रश्न-उत्तर और व्याकरण संबंधी अभ्यास कार्य को याद करें ।5. वर्तनी का ज्यादा से ज्यादा अभ्यास करें ।
<u>EVS</u>	<ol style="list-style-type: none">1. Collect Pictures of Fruit and vegetables. Make a collage of it.2. Make a chart of different kinds of beaks and claws of Birds.3. Write Five Uses of Water.4. Draw and Label Parts of Plant.5. Write about 10 Festivals that you celebrate. <p>Learn Chapter From 'basva's farm' to 'Abdul in the Garden'</p>

CLASS-5 (2019-20)

<u>हिन्दी</u>	<ol style="list-style-type: none">1. दस सुलेख A-4 पेज में करें ।2. नदी ,स्वामी नाथन ,बाघ ,तीतर ,अंधेर नगरी ,पर पांच पांच वाक्य लिखो ।3. कोई एक कहानी लिखो ।4. पाठ्य पुस्तक के पाठ 11 से 16 तक प्रश्न-उत्तर और व्याकरण संबंधी अभ्यास कार्य को याद करें ।5. वर्तनी का ज्यादा से ज्यादा अभ्यास करें ।
EVS	<ol style="list-style-type: none">1. Learn L-12 to 17 for Periodic Test-2.2. Make a poster on 'Save Fuel'.3. Solve the given worksheet in a separate notebook.4. Paste the pictures of different types of houses in a scrap book. Also write two lines about each.5. Locate the states in the map of India.6. Paste the pictures of famous woman sports personalities in a scrap book.
ENGLISH	<ol style="list-style-type: none">1) Do one page handwriting daily.2) Pick out any 5 new words and write their meaning.(newspaper,magazine etc)3) Learn and revise chapters from The Talkative Barber to Sing a Song of People for Periodic Test -2.4) Construct five sentences using is/are and -ing.5) Construct five sentences using will.
MATHS	<ol style="list-style-type: none">1) Practice Chapter-8,9,10,11,12 for Periodic test-2.2) Learn and write Tables from 2 to 20.3) Draw a Pie-Chart, Bar-Graph and Tally-Marks on A-4 size paper.4) Practice 10 sums of Multiplication and Division.

CLASS-6 (2019-20)

SANSKRIT	<p>23/12/2019 सूक्ति स्तबक: पाठ याद करना I</p> <p>24/12/2019 सूक्ति स्तबक: पाठ याद करना I</p> <p>25/12/2019 क्रीडा स्पर्धा पाठ याद करना I</p> <p>26/12/2019 क्रीडा स्पर्धा पाठ याद करना I</p> <p>27/12/2019 कृषिका कर्मवीरा: पाठ याद करना I</p> <p>28/12/2019 कृषिका कर्मवीरा: पाठ याद करना I</p> <p>29/12/2019 पुष्पोत्सव: पाठ याद करना I</p> <p>30/12/2019 पुष्पोत्सव: पाठ याद करना I</p> <p>01/01/2020 दशम : त्वम असि पाठ याद करना I</p> <p>02/01/2020 दशम : त्वम असि पाठ याद करना I</p> <p>03/01/2020 अपठित गद्यांश अभ्यास करना I</p> <p>04/01/2020 अपठित गद्यांश अभ्यास करना I</p> <p>05/01/2020 शब्द रूप बालक लिखना I</p> <p>06/01/2020 शब्द रूप बालिका लिखना I</p> <p>07/01/2020 पठ धातुरूप लिखना</p> <p>08/01/2020 कारक लिखना I</p>
ENGLISH	<p>Reading Project on Lessons:-</p> <ol style="list-style-type: none">1. Who I Am.2. Fair Play3. Desert Animals4. A Pact With The Sun <p>Learning Work:- Working With Language of Chapter Nos 6,7,8 & Textual Questions of the chapters mentioned above</p> <p>Vocabulary Building Ex:- Write & Learn Words/Meanings given with the Chapters in the Book “Honeysuckle” (from Chapter 1 to 9)</p> <p>Handwriting Project has been to the selected students whose handwriting is not up to the mark.</p>

MATHS

Ex.	Chapter	Homework
8-1	Ch-8 Decimals	Q2-b, Q3-C, Q5-d, Q6-a, Q8-c
8-2	"	Q4-a-e, Q5-a-d, Q6-b, Q7-c
8-3	"	Q1-e-g-j
8-4	"	Q1-d, Q3-a, Q4-b, Q5-b
8-5	"	Q4, Q7
8-6	"	Q1-c, Q2-b, Q4, Q5, Q6
9-1	Ch-9 Data Hand-	Q2, Q4, Q6
9-2	ling "	Q2
9-3	"	Q1, Q3
9-4	"	Q3, Q4
10-1	Ch-10 Measurement	Q1-c-e, Q4, Q7, Q10, Q12, Q15
10-2	"	Q1
10-3	"	Q3, Q6, Q9, Q12
11-1	Ch-11 Algebra	Q3, Q7, Q9, Q11
11-2	"	Q1, Q4
11-3	"	Q2, Q4-a, Q5-a-c-e, Q6-b
11-4	"	Q1-c-d, Q3
11-5	"	Q1-a-h-n-o, Q2-e-f-g-j-m, Q3-c-f, Q4

SOCIAL STUDIES**HISTORY:**

Chapter no. 7 question 4 and 5

Chapter no. 8 question 2 and 3

Chapter no.9 question no. 2, 4, 5, 6

Learn full exercise as well.

GEOGRAPHY

Chapter 4 question 1, 2, 5, 6, 7

Chapter 5 question 1, 2, 4, 5, 6

Learn full exercise as well

हिन्दी

प्रश्न 1 पाठ 10 – 15 में से पांच पेज (पृष्ठ) सुलेख लिखिए। (पाठ 10 झाँसी की रानी से पाठ 15 नौकर तक)

प्रश्न 2 प्रत्येक पढ़ाये गए पाठ के प्रश्नों को याद कीजिए एवं प्रत्येक पाठ से 2 – 2 प्रश्नोत्तर कोपी में लिखिए।

प्रश्न 3 व्याकरण – 10 पर्यायवाची, 10 मुहावरे, 10 लिंग बदलो, 10 युग्म शब्द, 10 वाक्य आदि।

प्रश्न 4 किसी दो अपने मनपसंद प्रकरण पर प्रार्थना – पत्र अथवा संवाद लिखिए। (उदाहरण – फीस / खेल)

प्रश्न – 5 बाल राम कथा से पढ़ाये गए भाग को दुबारा पढ़िए एवं उस भाग से पांच प्रश्नोत्तर लिखिए।

प्रश्न – 6 किसी दो प्रकरण पर अनुच्छेद लिखिए –

(अ) खेल दिवस (ब) वार्षिकोत्सव (स) अनुशासन

D) Identify the venation and types of root systems

S. NO	NAME OF THE PLANT	VENATION	ROOT SYSTEM
1	Maize		
2	Banyan tree		
3	Mango tree		
4	Grass		
5	China rose plant		

I) **Answer the following questions-**

- Why do predators have eyes in the front and the prey on the sides?
- Why camel is called the ship of the desert?
- How is a frog adapted to live both on land and water?
- Which features enable a cactus to live in a desert?
- If you tie a scale on your arm with a cloth, are you able to bend your elbow? Explain.
- How is a bird's body adapted to fly?
- Name the colored part of a flower and explain its function.
- Why do the flowers which bloom at night have a strong scent?
- How can you predict the type of root system of a plant by observing its leaf?

Evaluation test for learning indicators –

D) State True (T) or False (F) against the following statements :

- Handspan cannot be used to measure length all over the world.
- Ten millimeter is equal to 1 metre.
- Motion and rest are different terms
- To measure the diameter of tree, you can use measuring tap or thread.
- Kilometre is the SI unit of length.

III) Answer the following questions

- While measuring the length of a pencil with a scale, one end is at 2.5 cm and the other end at 9.5 cm. What is the length of the pencil?
- (i) Why can a pace or a step not be used as a standard unit of length?
(ii) The distance between Asha's home and her school is 4650 m. express this distance in km.

Evaluation test for learning indicators – CH- LIGHT

I. Fill in the blanks

- If we cannot see through an object at all, it is anobject.
- If we can see clearly through an object, it is aobject.
- If we can see an object but not very clearly, it is a.....object.

Answer the following questions

III. Mark True or False

Mirror changes the direction of light that falls on it.

Notebook is a luminous object.

Light travels in straight line.

Evaluation test for learning indicators – CH- ELECTRICITY AND CIRCUITS

I) Write 'T' if the statement is true and 'F' if it is false:

- i. Instead of a metal wire, a jute string can be used to make a circuit.
- ii. Electric current can flow through metals.
- iii. Electric current can pass through a sheet of thermocol.
- iv. An electric bulb glows when electric current passes through it.
- v. The black rod in a dry cell is made of lead.

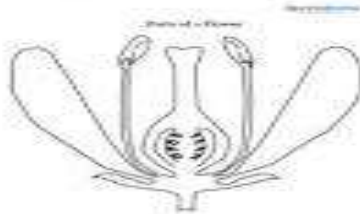
II) Draw an inside view of a torch and label its parts

II) Answer the following questions CH-11,12,13

1. How is the word 'AMBULANCE' written on the vehicle? Why?
2. Do the coloured objects have coloured shadows? Explain
3. Why do we need a standard unit of measurement?

III) Classify the given materials as magnetic or non-magnetic : A shaving blade, a plastic ruler, a steel cupboard, a brass button, a piece of chalk, a plastic mug, a blade of knife, water, wooden stick, copper wire, iron nail, sewing needle, paper clip, eraser, safety pin, cork, spoon, rubber band, tooth brush

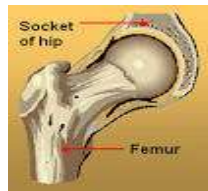
Picture activity- Label the parts of a flower



Q. Draw and label parts of a leaf

- Unscramble the words and match them with the given pictures –

Kbboecna, ibgearc, uklls, eenotksl, lalbdnaskcetoniolt, nigheniojt



1.

2.

3.

CLASS-7 (2019-20)

SUBJECT- ENGLISH

1. Cut/ paste any four paragraphs form any newspaper or story book or magazine and do the following
 - I. Make any four questions on each paragraph.
 - II. Choose any two words from each paragraph and write their antonyms and synonyms
 - III. Use two words from each paragraph in sentences.
2. Write a paragraph or article on the following topics
 - I. Importance of Healthy food.
 - II. Pollution
 - III. My favorite Person
 - IV. Visit to any place
3. Read and revise syllabus for P.T.-2

SUBJECT- HINDI

प्रश्न 1 प्रत्येक पाठ से 1 – 1 पेज (पृष्ठ) सुलेख लिखिए | (पाठ 11 रहीम के दोहे से पाठ 17 वीर कुँवर सिंह तक)

प्रश्न 2 प्रत्येक पढाये गए पाठ के प्रश्नों को याद कीजिए एवं प्रत्येक पाठ से 3- 3 प्रश्नोत्तर कोपी में लिखिए |

प्रश्न 3 “रहीम के दोहे” अथवा “भोर और बरखा” कविता का भावार्थ लिखिए |

प्रश्न 4 किसी दो अपने मनपसंद प्रकरण पर संवाद लिखिए | (उदाहरण – वार्षिकोत्सव / खेल दिवस)

प्रश्न 5 किसी दो प्रकरण पर अनुच्छेद लिखिए

(अ)खेलों का महत्व विद्या (ब)लय में वार्षिकोत्सव का आयोजन अनुशासन (स)

प्रश्न 6 महाभारत एवं व्याकरण से संबधित प्रश्नोत्तर याद कीजिए –

(उदाहरण- उपसर्ग / प्रत्यय/ विशेषण / क्रिया / वाक्य / संधि / समास / अलंकार आदि)

SUBJECT- MATHS

Do the exercise from the following units

Ex. 9.1- Q.1 (iii)

Q.9 (iii)

Q.10 (i) (ii)

Ex. 9.1- Q.1 (iii)

Q.3 (IV)

Q.4 (II), (IV)

Ex. 10.1- Q.1

Ex. 10.2- Q.1, Q.2, Q.3

Ex. 10.3- Q.1

Ex. 10.4- Q.1, Q.2

Ex. 10.5- Q.1

Ex. 11.1- Q.4, Q.5, Q.8

Ex. 11.2- Q.2 (I), (III)

Q.3 (B)

Q.4 ©

Q.6

Q.7 (B)

Ex. 11.2- Q.1 (I)

Q.2 (B)

Q.6, Q.3, Q.8, Q.10, Q.14, Q.15, Q.17 Ex. 10.1- Q.1

Ex. 11.4- Q.1, Q.6, Q.10, Q.11

Ex. 12.1- Q.1, Q.4, Q.7

Ex. 12.2- Q.1 (II), (VI)

Q.2 (III), (VI)

Q.3 (II), (V), (VII)

Q.4 (B)

Q.6

SUBJECT- SCIENCE

1. Solve all the exercises from chapter 10 to 15.
2. Revise all keywords from chapter 10 to 15.
3. Practice the diagrams given in chapter 10 to 15.

SUBJECT- SOCIAL SCIENCE

HISTORY

1. Chapter : 7 questions 4,5,8 and learn full exercise
2. Chapter: 8 question 4,5,7 and learn full exercise

GEOGRAPHY

1. Chapter: 6 Question part 1,2 ,4,5,6 give reason part1 and 3
2. Chapter: 7 Question 1 Part 4,5,6 give reason

CIVICS

1. Chapter : 6 question 1,3
2. Chapter : 7 question 1,3

SUBJECT- SANSKRIT

दिनांक	कार्य
12/23/2019	अहम् अपि विद्यालयम गमिष्यामि पाठ याद करना I
12/24/2019	अहम् अपि विद्यालयम गमिष्यामि पाठ याद करना I
12/25/2019	विश्व बन्धुत्वम पाठ याद करना I
12/26/2019	विश्व बन्धुत्वम पाठ याद करना I
12/27/2019	समवायो हि दुर्जयः पाठ याद करना I
12/28/2019	समवायो हि दुर्जयःपाठ याद करना I
12/29/2019	विद्या धनं पाठ याद करना I
12/30/2019	विद्याधनं पाठ याद करना I
01/01/2020	अपठित गद्यांश अभ्यास करना I
01/02/2020	अपठित गद्यांश अभ्यास करना I
01/03/2020	शब्द रूप बालक लिखना I
01/04/2020	शब्द रूप बालिका लिखना I
01/05/2020	पठ धातुरूप लिखना
01/06/2020	कारक लिखना I

Mathematics

Chapter - Mensuration

MULTIPLE CHOICE QUESTIONS

- Which of the following is the once of a rhombus?
 - Product of its diagonals
 - $\frac{1}{2}$ (sum of its diagonals)
 - 2 (Product of its diagonals)
 - 2 (Product of its diagonals)
- If the edge of a cube is 1 cm then which of the following is its volume?
 - 6 m^3
 - 3 m^3
 - 1 m^3
 - none of these
- If the parallel sides of a parallelogram are 2 cm apart and their sum is 10 cm then its area is:
 - 20 cm^2
 - 5 cm^2
 - 10 cm^2
 - none of these
- Which of the following has its area and perimeter numerically equal?
 - an equilateral triangle of side 1 cm
 - a square of side 1 cm
 - a square of side 1 cm
 - a regular pentagon of side 1 cm.
- If the edge of a cube is 1 cm then which of the following is its total surface area?
 - 1 cm^2
 - 4 cm^2
 - 6 cm^2
 - none of these
- Which of the following is equal to 1 kilolitre?
 - 1000 millilitres
 - 100 dm^3
 - 1 dm^3
 - 1000 dm^3
- If the dimensions of a room are l, b and h, ($\therefore l \rightarrow$ length, $b \rightarrow$ breadth and $h \rightarrow$ height) then which of the following is the area of its four walls?
 - $2h(l + b)$
 - $2h(l + h)$
 - $2l(h + h)$
 - $2h + l + b$
- If the dimensions of a room are 2 m, 3 and 4 m then which of the following is the number of cubes of size $\frac{1}{2} \text{ m} \times \frac{1}{3} \text{ m} \times \frac{1}{4} \text{ m}$ which can be placed in the room?
 - 960
 - 672
 - 676
 - 576
- If base area of a room 12 m^2 and height is 3 m then its volume is:
 - 4 m^3
 - 36 m^3
 - 12 m^3
 - 18 m^3
- Two identical cubes each of total surface area of 6 cm^2 are joined end to end. Which of the following is the total surface area of the cuboid so formed?
 - 12 cm^2
 - 18 cm^2
 - 10 cm^2
 - 8 cm^2

1. If each side of a cube is doubled, how many times will its surface area increase?
2. Find the height of a cuboid whose base area is 180 cm^2 and volume is 900 cm^3 .
3. A cuboid is of dimensions $(60 \times 50 \times 30) \text{ cm}$. How many small cubes with side 6 cm can be placed in the given cuboid?
4. Find the height of the cylinder whose volume is 1.54 m^3 and diameter of base is 140 cm .
5. Find the area of trapezium where length of parallel sides are 15 cm and 25 cm and the third side measures 12 cm .
6. Find the area of rhombus whose diagonals are 8 cm and 10 cm .
7. If each side of a cube is doubled, how many times will its volume increase?
8. A rectangular sheet of paper is having measures $11 \text{ cm} \times 4 \text{ cm}$. It is folded without overlapping to make a cylinder of height 4 cm . Find the volume of the cylinder.

Chapter – Visualisation of solids

1. How many number of faces does a solid sphere has?
 - I. 1
 - II. 2
 - III. Many
 - IV. None
2. How many number of vertices does a cone has?
 - I. 1
 - II. 2
 - III. 3
 - IV. None of these
3. How many number of faces does a hemisphere has?
 - I. 1
 - II. 2
 - III. Many
 - IV. None of these
4. Which of the following is a triangular pyramid having all the faces as equilateral triangle?
 - I. Rectangular pyramid
 - II. Square pyramid
 - III. Tetrahedron
 - IV. None of these
5. Which of the following is the number of vertices of sphere?
 - I. 0
 - II. 1
 - III. 2
 - IV. 4
6. Which of the following can be other name of a cylinder?
 - I. A triangular prism
 - II. A rectangular prism
 - III. A vertical prism
 - IV. A circular prism
7. If the base of a prism is a polygon of n sides, then which of the following is the number of faces of the prism?
 - I. $n+2$
 - II. $n+1$
 - III. n

IV. $n-1$

8. If F , E and V represent the faces, edges and vertices respectively of a polyhedral then which of the following is

the Euler's formula?

I. $F - V + E = 2$

II. $F + V + E = 2$

III. $F + V - E = 2$

IV. $F + V = 2 - E$

9. Which of the following is the base of a tetrahedron?

I. A square

II. A rectangle

III. A circle

IV. A triangle

10. Which of the following is the other name of a cube?

I. A tetrahedron

II. A regular hexahedron

III. A square antiprism

IV. A cuboctahedron

Chapter - Algebraic Expression

- Which of the following is the numerical coefficient of x^2y^2 ?
 - 0
 - 1
 - x^2
 - y^2
- Which of the following is the numerical coefficient of $-5xy$?
 - 5
 - $-x$
 - -5
 - $-y$
- pqr is what type of polynomial?
 - Monomial
 - Binomial
 - Trinomial
 - None of these
- The value of $x^2 - 5$ at $x = -1$ is-
 - -2
 - -1
 - -4
 - -5
- $a^2 - b^2$ is a product of
 - $(a+b)(a-b)$
 - $(a+b)(a+b)$
 - $(a-b)(a-b)$
 - None of these
- Which of the following is the value of $(x + 1/x)^2$?
 - $x^2 + 1/x^2$
 - $x^2 - 1/x^2$
 - $x^2 + 1/x^2 + 2$
 - $x^2 + 1/x^2 + 2x$
- Which of the following is obtained by subtracting $x^2 - y^2$ from $y^2 - x^2$?
 - $-2(x^2 - y^2)$
 - $-2(x^2 + y^2)$
 - $2(x^2 + y^2)$
 - $2(x^2 - y^2)$

8. What degree does $x^3 - x^2y^2 - 8y^2 + 2$ have?
- 2
 - 3
 - 4
 - 7
9. What is the value of $5x^{25} - 3x^{32} + 2x^{-12}$ at $x=1$?
- 0
 - 2
 - 4
 - None of these
10. What is the product of $(x+a)$ and $(x+b)$?
- $x^2 + (a-b)x + ab$
 - $x^2 + (a+b)x - ab$
 - $x^2 + (a+b)x - ab$
 - $x^2 + (a+b)x + ab$
- Find the value of: $x^2 - 1/5$ at $x = -1$.
 - What is the value of $x^2 + y^2 - 10$ at $x = 0$ and $y = 0$?
 - Find the product of $9a$, $4ab$ and $-2a$.
 - Simplify $(a + b + c)(a + b - c)$.
 - Using identities evaluate: $8.56 * 11.60$.
 - Using identities evaluate: $(99)^2$.
 - Simplify $x(2x - 1) + 5$ and find its value at $x = -2$.
 - Evaluate the value of $(95)^2$ using identities.

Chapter – Variation

- A contractor estimates that 5 persons complete a task in 4 days. If he uses 4 persons instead of 5, how long should they take to complete the task?
- A school has 9 periods a day each of 50 minutes duration. How many period will there be, if the duration of every period is reduced by 5 minutes?
- A machine can fill 420 bottles of mineral water in 3 hours. How many bottles can be filled in 5 hours?
- In a model of a ship. the mast is 9 cm high, while the mast of the actual ship is 12 m high.. If the length of the model ship is 21 cm, then how long is the actual ship?
- If 2.25kg of sugar contains 102050 crystals. How many sugar crystals are there in 2 kg of sugar?

6. 6 pipes are required to fill a tank in 1 hour 20 minutes. How long will it take if only 5 pipes of the same type are used?
- 7.. There are 100 students in a hostel. Food provision for them is for 20 days. How long will these provisions last, if 25 more students join the group?
8. If 15 workers can build a wall in 48 hours. How many workers will be required to do the same work in 30 hours?
9. . The principal sanctioned a certain amount to the librarian to purchase some Mathematics books for the school library. She could buy 80 books costing Rs 90 each from the local book seller. There she approached the publisher who offered her a 20% discount, Find the number of copies of Mathematics books which she could buy from the publisher for the sanctioned money.
- 10 A mixture of paint is prepared by mixing 1 part of green pigments with 6 parts of the base. In the following table, find the parts of base needed to be added.

Parts of green pigment	1	4	5	6
Parts of base	6	x_1	x_2	x_3

11. A machine fills 540 bottles in six hours. How many bottles will it fill in five hours?
12. Jagmeet has a road map with a scale of 1 cm = 20 km. He drives on a road for 72 km. What would be his distance covered in the map?
13. In a PG House, the food provision for 20 persons is for 10 days. How long would the food provision last if there were 5 more persons in that PG house?

Chapter - Power and Exponents

1. Simplify $(1 / 3^2)^3$.
2. Evaluate: $(5^{-1} * 8^2) / (2^{-3} * 10^{-1})$.
3. Find the value of 'm' for which $6^m / 6^{-3} = 6^5$
4. Evaluate $[(1/2)^{-1} - (1/3)^{-1}]^{-1}$.
5. Simplify: $(-3)^5 * (5/3)^5$.
6. Compare $7 * 10^{-6}$ and $129 * 10^{-7}$.
7. The size of a plant cell is 0.00001275 m. express it in standard form.

8. If the thickness of a paper sheet is 0.0016 cm, find the thickness of 100 sheets. Express the answer in standard form.

HOTS

1. Find the value of $5^{-3} * 1/5^3$.
2. Simplify $2^5 / 2^{-6}$.
3. Express 4^{-3} as a power with base 2.
4. Simplify and write the answer in exponential form: $(2^5 / 2^8)^5 * 2^{-5}$.
5. Find m so that $(-3)^{m+1} * (-3)^5 = (-3)^7$.
6. Find the value of $(2/3)^{-2}$.
7. Simplify: $(5/8)^{-7} * (8/5)^{-5}$.
8. Simplify $(-4)^{-10} * (-4)^5$

हिन्दी

23-12-2019	कामचोर पाठ याद करना I
24-12-2019	कामचोर पाठ याद करना I
25-12-2019	जब सिनेमा ने बोलना सीखा पाठ याद करना I
26-12-2019	जब सिनेमा ने बोलना सीखा पाठ याद करना I
27-12-2019	सुदामा चरित पाठ याद करना I
28-12-2019	सुदामा चरित पाठ याद करना I
29-12-2019	जहाँ पहिया है पाठ याद करना I
30-12-2019	जहाँ पहिया है पाठ याद करना I
01-01-2020	अकबरी लोटा पाठ याद करना I
02-01-2020	अकबरी लोटा पाठ याद करना I
03-01-2020	सूरदास के पद पाठ याद करना I
04-01-2020	सूरदास के पद पाठ याद करना I
05-01-2020	भारत एक खोज पढना I
06-01-2020	भारत एक खोज पढना I
07-01-2020	भारत एक खोज पढना I
08-01-2020	अपठित गद्यांश अभ्यास करना I

- 09-01-2020 निबंध अनुच्छेद अभ्यास करना I
10-01-2020 संवाद अभ्यास करना I
11-01-2020 प्रार्थना पत्र अभ्यास करना I

विषय -संस्कृत

- 23-12-2019 अहम् अपि विद्यालयम गमिष्यामि पाठ याद करना I
24-12-2019 अहम् अपि विद्यालयम गमिष्यामि पाठ याद करना I
25-12-2019 विश्व बन्धुत्वम पाठ याद करना I
26-12-2019 विश्व बन्धुत्वम पाठ याद करना I
27-12-2019 समवायो हि दुर्जयः पाठ याद करना I
28-12-2019 समवायो हि दुर्जयः पाठ याद करना I
29-12-2019 विद्या धनं पाठ याद करना I
30-12-2019 विद्याधनं पाठ याद करना I
01-01-2020 अपठित गद्यांश अभ्यास करना I
02-01-2020 अपठित गद्यांश अभ्यास करना I
03-01-2020 शब्द रूप बालक लिखना I
04-01-2020 शब्द रूप बालिका लिखना I
05-01-2020 पठ धातुरूप लिखना
06-01-2020 कारक लिखना I

SOCIAL SCIENCE

HISTORY

Chapter 8 : Exercise question 3 and 5

Chapter 9 : Exercise question 1 part 1,2,4,8 and question 3,9

Chapter 10 : Exercise question 4,5,7

GEOGRAPHY

Chapter Industry : question 1 part II and IV , question 3 part I and question 4

CIVICS

Chapter 6 : Exercise question 1

What is FIR? Extra question on page 71

Chapter 7 : Exercise question 1,2,4

Chapter 8 : Exercise question 1 and glossary words .

ENGLISH

Reading Project on Lessons:-

1. A Visit to Cambridge.
2. A Short Monsoon Diary
3. The Open Window
4. Jalebis
5. The Fight

Learning Work:-

Working With Language of Chapters from the Book Honeydew covered upto 21 Dec. 2019 & Textual Questions of the above mentioned Chapters.

Writing Section:- Learn Notice on Lost & Found, Editorial Letter, Informal Letters.

SCIENCE

- Practice previous year paper.
- Practice and solve all blue column example and paheli and questions.
- Practice the following topics----
- adolescence and puberty, secondary sexual characteristics, female reproductive organ with labelled diagram , function of hormones , menstruation .
- binary fission in amoeba, budding in yeast , metamorphosis in frog,
- sound and medium required for propagation of sound , amplitude , wavelength, time period , frequency of sound .

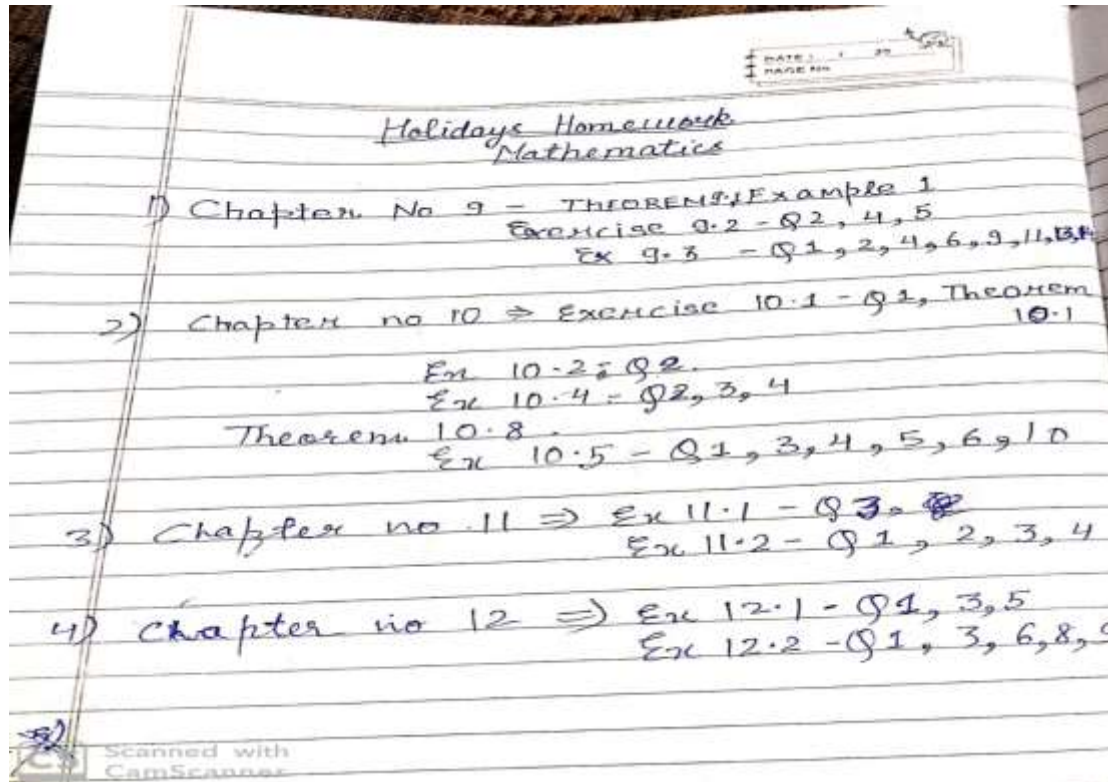
ASSIGNMENT

- WRITE THE WAYS BY WHICH WE CAN STORE THE ELECTRIC ENERGY IN OTHER FORM OF ENERGY
- IMPORTANCE OF BALANCED DIET FOR A CLASS VIII STUDENT.
- MAKE A EARTHQUAKE SAFETY PACKET.
- COLLECT SAMPLE OF EARTHQUAKE AND LIGTHNING INCIDENT IN INDIA AND THIER EFFECT ON THE HUMAN LIFE (NEWSPAPER CUTTINGS /INTERNET SSEARCH)

CLASS 9 (2019-20)

MATHS

- 1) Prepare for PT-2 Exam.
- 2) Practice the following questions



ENGLISH

Learning Work:-

Textual questions of the Chapters:-

- 1 Reach for The Top
- 2 The Bond of Love
3. The Weathering Storm of Erasama
- 4 The Last Leaf
- 5 Packing

Writing Work:-

Letter for Placing an order of Books for School Library

Letter to the Editor about the problem of Stray Animals on the roads

Letter to the concerned Authorities about nuisance of Marriage Procession.

Write an Article on 'Junk Food'

Write an Article on 'Smoking – An Addiction'.

HINDI

प्रश्न 1 पाठ्यपुस्तक वसंत से कोई पाँच गद्यांश/ पद्यांश लिखिए एवं हर गद्यांश से स्वयं पांच प्रश्न बनाकर उत्तर लिखिए।

प्रश्न 2 प्रत्येक पढ़ाये गए पाठ के प्रश्नों को याद कीजिए एवं प्रत्येक पाठ से 2 - 2 प्रश्नों को भी लिखिए।

(वसंत गद्य भाग – पाठ 5 से 8 , पद्य भाग – कविता 12 – 15 एवं कृतिका – पाठ – 3 – 4 से)

प्रश्न 3 कविता 12 से 15 में से कोई एक एक पद / अंतरा लिखकर उसकी सप्रसंग व्याख्या / भावार्थ लिखिए।

प्रश्न 4 किसी दो अपने मनपसंद प्रकरण पर संवाद / प्रार्थना पत्र / प्रतिवेदन लिखिए। (किसी विद्यालय कार्यक्रम पर)

प्रश्न 5 किसी दो प्रकरण पर 250 शब्दों में निबंध लिखिए –

(आ) खेल दिवस) ब (विद्यालय में वार्षिकोत्सव का आयोजन) स (अनुशासन

SOCIAL SCIENCE

HISTORY CHAPTER NUMBER 4

Question no. 1 part 1 and 2

Question no. 2 and 4 from exercise text question

GEOGRAPHY CHAPTER NUMBER 4

Question no. 2 – (i), (ii), (v), (vi), (vii)

Question no. 3

Question no. 4 – (iii), (ii)

ECONOMICS

Reading of chapter 4 “Food Security”

Chapter no. 3 – Question no. 4, 8, 1

Civics

1. Write total process of election in India.
2. What is the need of democracy in India?
3. What do you mean by fair and free election?

Chapter 5:

1. Describe the powers of president in India and the powers of prime minister in India?
2. Why did the position of prime minister in India is more important?
3. Write a short note on 3 types of ministers?

SCIENCE

9

HOLIDAYS H.W.

SUB. BIOLOGY

1. Name the diseases caused by following infectious agents
 1. Viruses
 2. Bacteria
 3. Worms
 4. Protozoa
2. Why there is no use of giving vaccine of hepatitis A virus.
3. What are different means by which infectious diseases spread? Show diagrammatically.
4. It is a known fact that “milkmaids who had cowpox did not catch smallpox even during epidemics.” Why is it so?
5. Why HIV infection is considered very fatal?
6. Why is AIDS considered to be syndrome and not a disease?
7. Why are antibiotics not effective for a viral disease?
8. Differentiate
 1. communicable and non-communicable diseases
 2. Acute and Chronic diseases.
9. Give two examples where oxygen is not playing any role in supporting life?
10. Name the various organisms involved in Nitrogen cycle.
11. There is mass mortality of fish in a pond. What may be the reasons?
12. How lichens help in soil formation?
13. Carbon dioxide is necessary for plants. Why do we call it as pollutant?
14. Why do Mathura refinery pose problems to Taj Mahal?
15. Explain the role of Sun in soil formation?
16. Why decomposers are considered as an important part of biogeochemical cycles?

17. Name various forms of carbon found on earth. How Carbon cycle may get disrupted?

18. Differentiate – 1. Afforestation and deforestation. 2. Nitrification and Denitrification.

19. Draw and label -- Carbon cycle, Water cycle, Nitrogen cycle.

20. How do the following air pollutants affect human beings:-- Dust, smoke, CO, CO₂, SO₂, Oxides of Nitrogen, Metals like: Lead, Mercury, Asbestos.

21. Write full forms of ----- HIV, AIDS, CFC, UV, ORS, DPT, T.B., BCG, OPV,

LEARN NCERT EXERCISE AND INTEXT QUESTIONS OF CH- 13,14

PHYSICS

Do intext questions of chapter work and energy in notebook

CHEMISTRY

- Solve and practice all in-text question and examples.
- Practice following topics---
 - States of matter, compressibility, latent heat, evaporation and boiling point.
 - Homogenous and heterogenous mixture, element, compound and mixture difference,
 - Sublimation, fractional distillation
 - Atom and molecule and their mass, chemical formulae practice, mole concept with numerical and text book examples. Laws of chemical proportions,
 - Sub atomic particles (electron, proton and neutron), Bohr theory of atom, shell (energy level/ orbit), isotopes, isobars.
 - learn the radicals/ions table. and frame 30 molecular formulae with the help of the table in your book.
- **ASSIGNMENT**—

HOW CHEMICALS (ATOMS/MOLECULES) ARE IMPORTANT PART OF HUMAN LIFE.

Class 11 (2019-20)

कक्षा 11 (विषय हिंदी)

1. अभिव्यक्ति एवं माध्यम (जनसंचार के 50 प्रश्न एवं उत्तर)
- 2 . आरोह भाग 1 (गद्य -खंड) क. स्पीति में बारिश (अभ्यास कार्य)
ख .रजनी एवं जामुन का पेड़ (अभ्यास कार्य)
- 3 . आरोह भाग 1 (काव्य खंड) क.अक्कमहादेवी (अभ्यास कार्य)
ख . दुष्यंत कुमार- गजल (अभ्यास कार्य)
ग .चंपा काले काले अक्षर नहीं चीन्हती (अभ्यास कार्य)
- 4 .वितान भाग 1 क .राजस्थान की रजत बुंदे (अभ्यास कार्य)
ख .आलो आंधारि (अभ्यास कार्य)
- 5 . फीचर लेखन ----- राजनीति में आपराधिक तत्व
- 6 आलेख लेख..... नागरिकता संशोधन बिल
- 7 .दृश्य लेखन..... स्वयं विषय चयन कीजिये
8. शब्दकोश..... (अभ्यास कार्य)
9. रिपोर्ट लेखन किसी अविस्मरणीय घटना की

ENGLISH

Solve 2 sample papers given

Computer Science

(Download from separate link given on school website www.shikarpurbsf.kvs.ac.in)

MM: 70

- Programming Language Python
- All Questions are Compulsory, But Internal Choice's in Few Questions Given.

Answer the following questions (VSA)

1x20=20

1. "Python is case sensitive language" what do you understand by this statement?
2. Write 1 example each of Keyword and Literal.
3. How can we create multiline string in Python?
4. Write the output of the following code (if user enter value of a as 2 and value of b as 4):

```
a=input("enter a number")  
b= input("enter another number")  
print(a+b)
```

5. What is IDLE?
6. How will you write a single line comment in python?

OR

How will you write a multi-line comment in python?

7. What is the difference between == and = operator?
8. Write a python code to input a real number from user and print double of it.
9. What are the different modes available in python ?
10. What is the error in the following statement?

```
p,q=100
```

Or

What are variables?

11. Name any one decision making statement in python.
12. Write Full Form of UTF-8

Or

Convert 1 GB = _____ KB

13. Name the two loops available in python.
14. Name the logical gate that accepts only one input.
15. Write the two major roles of an operating system.

Or

Define system software. Quote one example.

16. Draw the truth table for logical AND gate using 2 variables.

Or

Draw the truth table for logical OR gate using 2 variables.