

**केन्द्रीय विद्यालय-२, सोहना रोड़, गुरुग्राम**  
**Kendriya Vidyalaya No 2 ,Sohna Road,Gurugram**  
**ग्रीष्मकालीन गृहकार्य (2019-120)**  
**Summer Holiday Homework 2019-120**

**CLASS -1 HOLIDAY HOMEWORK**

SUMMER HOLIDAY HOME WORK 2019 –CLASS 1-A/B

1. WRITE ONE PAGE DAILY OF CAPITAL LETTER & ONE PAGE OF SMALL LETTER DAILY IN ENGLISH DOTHREE IN ONE NOTE BOOK.
2. READ DAILY ANY BOOKS OR NEWSPAPER IN HINDI AND ENGLISH.
3. हिंदी वर्णमाला याद करो और उनक्री मात्राये भी याद करो . अक्षरों को जोड़ कर पढ़ने व लिखने का अभ्यास करो. अपना नाम हिंदी में लिखने का अभ्यास करो.
4. LEARN ANY RHYMES BASED ON NUMBERS, SENSE ORGANS & ANIMALS. ( IN HINDI OR ENGLISH).
5. LEARN ANY SHORT STORIES IN ENGLISH AND HINDI BOTH.
6. PRACTICE OF READING BOOKS & WRITING IN HINDI AND ENGLISH BOTH.
7. DEVELOP GOOD FOOD HABIT IN YOUR CHILD IN SUMMER VACATION.
8. LEARN TABLE 2 TO 5 .
9. LEARN NUMBER NAMES 1 TO 20 AND DO PRACTICE IN THREE IN ONE NOTE BOOK.
10. MAKE ANY PICTUYRE ON A-4 USING THE BASIC SHAPES LIKE CIRCLE, TRIANGLE, SQUARE ETC.
11. MAKE ANY TWO THINGS USING PAPER FOLDING ACTIVITY.
12. MAKE OUR NATIONAL BIRD PEACOCK BY LADY FINGER PRINTING ON A-4 PAPER.
13. LEARN AND WRITE COLOURS NAME, FRUITS NAME, VEGETABLES NAME AND ANIMALS NAME.

## CLASS -2 HOLIDAY HOMEWORK

### ENGLISH - II AB

1. WRITE 5-8 LINES ABOUT FAVOURITE MYSELF AND PESTE PHOTO.
2. LEARN AND WRITE 2 POEM OTHER THAN CLASSBOOK.
3. LEARN AND WRITE 1 ENGLISH PLEDGE.
4. WRITE 20 PAGES CURSIVE WRITING .
5. DO 3 IN 1 NOTE BOOK.

### EVS-II AB

1. COLLECT PICTURES OF WILD ANIMALS AND DOMESTIC ANIMALS
2. PASTE THE PICTURE OF DIFFERENTS DYPES OF CLOTHS
3. PASTE THE PICTURE OF SEASANS.
4. LEARN DRAW AND WRITE 5 VEGITABLES AND FRUITS

### Maths II

1. Learn and Write Table 2 to 10.
2. Counting with number name 1 To 200.
3. Backward counting , Forward Counting 1 to 100.
4. 10 Question of Addition and 10 Question of Subtraction.

### गृहकार्य हिंदी कक्षा 2(सारा काम श्री इन वन नोटबुक में करें)

१. पांच बोझा ढोने वाले जानवरों के नाम लिखो और चित्र बनाओ ।
२. 20 पेज सुंदर सुलेख लिखो ।
३. शेर, भालू, बिल्ली व कुत्ते के मुखौटे बनाओ ।
४. १ से १० तक कि गिनती हिंदी अक्षरों मे लिखो ।
५. सप्ताह के दिन लिखो ।
६. हिंदी वर्ण माला याद कारों ।

## CLASS -3 HOLIDAY HOMEWORK

### Maths:

1. Learn and write tables from 2 to 12 on A4 Sheet
2. Learn and write number names 1 to 500 on A4 Sheet
3. Revise chapter 1 and 2
4. Paste geometrical shapes on A4 Sheet
5. Make a model of 3D- Shape (cube or cuboid)

### **EVS**

Do all the work on A4 size sheet

1. Paste 10 different leaves of different plants and write the name of the plant (A4 Size Sheet)
2. Paste/Draw sources of water.
3. Prepare two animals with thumb/ Finger painting as given on page no. 6 of text book (A4 Size Sheet )
4. Learn chapter 1.2 and 3.
5. Prepare a family tree.

### **ENGLISH**

SUMMER HOLIDAY 2019 III- (A) ENGLISH

- 1.PROJECT WORK--- GROWING OF A SEED IN A POT. (ROLL NO: 1-22)
- 2.MAKE FIRST AID BOX. (ROLL NO: 23-45)
- 3.MAKE BOOK MARK OF FINGER PUPPET.
- 4.PRACTICE OF PREPARATION OF SALAD.
- 5.PASTE & WRITE THE NAMES OF DIFFERENT INSECTS YOU CAN SEE IN YOUR SURROUNDINGS. (DO IN CLASS NOTE BOOK)
- 6.COLLECT ANY POEM ON BIRDS. (DO IN NOTE BOOK)
7. LEARN ALL THE LESSON DONE IN CLASS SO FAR.
8. WRITE ONE PAGE CURSIVE WRITING DAILY and READ ANY BOOK, NEWSPAPER & STORIES etc.
- 9.DO 3 IN 1 NOTE BOOK.

## COMPUTER

### TYPE-II (Fill in the blanks)

1. Computer has \_\_\_\_\_ parts.
2. Monitor looks like a \_\_\_\_\_.
3. The computer is an \_\_\_\_\_ machine.
4. In schools, computer is used to teach \_\_\_\_\_ subjects.
5. Versatile means \_\_\_\_\_.

### Type-III(True or False)

1. Computer can solve only mathematical problems. (True/False)
2. Mouse is used for clicking.(True/False)
3. Monitor is used for displaying output. (True/False)
4. The backspace key is used to insert characters. (True/False)
5. Computer is very slow machine. (True/False)

### Lab Session

Type the following line

1. My name is \_\_\_\_\_.(your name)
2. I Live in \_\_\_\_\_.(your address)
3. I like my school very much.

## गृहकार्य - कक्षा 3 हिंदी

- 1 एक से बीस तक गिनती हिन्दी में लिखो |
- 2 10 पेज सुलेख लिखो ।
- 3 10 लिंग बदलो , 10 वचन बदलो , 10 विलोम सब्द लिखो ।
- 4 हिन्दी प्रतिज्ञा लिखो ।

## ART EDUCATION

Make a scenery on A3 Sheet

# CLASS -4 HOLIDAY HOMEWORK

## ENGLISH

(Do in ruled sheet and staple them together)

1. Learn and write pledge 2 times
2. Write any one story and one poem in English other than textbook.
3. Write 10 thoughts in English.
4. Write a few lines on :- (a) My Favourite Sport (b) How I help my mother in these holidays
5. Lear all the work done in class for test after holidays.
6. Read lessons Nasruddin's Aim and Alice In Wonderland.

## EVS

- 1) Paste pictures of 10 sport persons related to different games. Write their names and sport they are associated with.
- 2) Paste pictures of 10 flowers and write their names.
- 3) Take a train ticket and find out following information.
  - a) The train number.
  - b) The date of the start of the journey.
  - c) The berth and coach number.
  - d) The fare (the cost of the ticket).
- 4) Plant a seed and record its observation
  - a) Name of seed
  - b) Date on which you sow the seed
  - c) Date on which shoot appear
- 5) Learn chapter 1 to 5.

## MATHS

- 1) Solve the following questions on A4 size sheet.

| Addition      | Subtraction   | Multiplication   | Division        |
|---------------|---------------|------------------|-----------------|
| $41265+22143$ | $40249-15268$ | $265 \times 35$  | $13272 \div 12$ |
| $10654+3267$  | $10000-8526$  | $1605 \times 27$ | $44580 \div 60$ |
| $45026+11508$ | $34850-10265$ | $4500 \times 50$ | $15375 \div 25$ |
| $27140+53209$ | $86049-57860$ | $1087 \times 43$ | $23281 \div 31$ |
| $67083+70100$ | $47000-25869$ | $5000 \times 85$ | $21905 \div 65$ |

- 2) Learn and write tables from 2 to 20
- 3) Revise chapter 1 to 4.

## COMPUTER

Q 1. Name the first calculating device.

Q 2. Who is known as the father of modern digital computers ?

Q 3. Who is the world first computer programmer ?

Q 4. Name the technology or the basic component used in different generations of computers?

Q 5. Name any two supercomputers developed in India.

Q 6. What is the basic difference between a digital computer and an analog computer?

Q 7. Expand the following

i) EDSAC      ii) UNIVAC      iii) ENIAC      iv) VLSI

Q 8. AI stands for \_\_\_\_\_ ?

Q 9. An ICU (Intensive Care Unit) of a hospital has \_\_\_\_\_ computer to monitor the heart beat of a patient .

Q 10. Name the category of the computer that we generally use at home or in Educational institution.

## विषय-हिन्दी

१ कोइ 10 मुहावरे लिख कर वाक्यो मे प्रयोग करो ।

२ कोइ 20 समानार्थी सब्द लिखो जैसे आंख, नयन, नेत्र

३ कोई 20 अनेक शब्दो के एक शब्द जैसे - जो हमे पढाता है - अध्यापक

## ART EDUCATION

Make a drawing using (maths) geometrical shapes. On A3 Sheet

## CLASS -5 HOLIDAY HOMEWORK

### subject EVS

- 1) Write name of states of India and their capital.
- 2) Prepare 10-10 Very short answer type questions from chapter 1 to 5 in a separate notebook.
- 3) Take a bread and record the changes you observe for a week. Record the observation in a table as given in book chapter Mangoes round the year/Table on page no.37.
- 4) Grow a plant by using seeds (Mango/Methi). Record the observation in a table as given in book chapter Seeds and Seeds/Table on page no.44.
- 5) Collect 10 types of seeds and put them in a transparent packet and paste them on A4 size pastel sheet and write the name of the seed below each packet.
- 6) Show different states in INDIAN MAP (Assam , Uttrakhand ,Gujrat, Madhya Pradesh, Rajasthan)
- 7) Learn chapter 1 to 4.

### COMPUTER

1. Create a time table of your class in word using tables.
2. Create a greeting card using page borders and other options.

### विषय-हिन्दी

- उत्तर पुस्तिक मे किया गया सारा कार्य याद करो
- संज्ञा , सर्वनाम, क्रिया , विशेषण याद करो
- भारत के मानचित्र पर पड़ोसी देश दर्शाओ व उनके राष्ट्रपति और प्रधानमंत्री के नाम भी लिखो
- जून महिने के पहले व दूसरे सप्ताह के समाचार लिखो ( A- 4 ) पर ( तीन समाचार)
- कोई भी एक पेपर द्वारा अपना मनपसंद खिलौना बनाओ
- कोई भी एक चित्र A-4 पर चिपकाओ व उसके बारे में 10 वाक्य लिखो
- निम्न के बारे में जानकारी एकत्रित करो व उससे संबंधित चित्र भी चिपकाओ ( A-4)

तमिलनाडु - roll no.( 1 -7)

आंध्रप्रदेश - roll no. ( 8 -14)

मिज़ोरम - roll no. (15-21)

अरुणाचलप्रदेश- roll no. (22- 28)

मेघालय - roll no. (29- 35)

जम्मू- कश्मीर- roll no. ( 36- 42)

### ENGLISH

(Do in ruled sheet and staple them together)

1. Write one recipe with ingredients separately.
2. Write 10 thoughts in English.
3. Learn and write (2 times) pledge.
4. Write a few lines on (a) My Aim in life (b) My favourite sports.
5. Write any one story and one poem in English (other than textbook).
6. Learn all the work done in class for test after holidays.
7. Read lessons Flying Together and Robinson Crusoe

## MATH

1. Revise chapter 1 and 2
2. Learn and write table from 2 to 20
3. Make Indian Place value chart and international place value chart (number system)
4. Make model of degree clock
5. Make an angle tester

## ART EDUCATION

Make 2 drawing using oil pastel colours. On A3 Sheet

## CLASS -6 HOLIDAY HOMEWORK

### ENGLISH

1. *Write 20 genders(Masculine feminine), 20 numbers (singular plural),50 three forms of verb (V1-present, V2-past, V3-past participle) (and ing form)*
2. *Write a paragraph on:-*
  - *Any Festival you like the most*
  - *My School*
  - *My Favourite Teacher*
3. *Write an application of leave for 5 days to the class teacher as you are going to attend the marriage of your elder sister.*
4. *You are the head boy/head girl of your school. House wise debate competition is going to be held in your school. Put up a notice on the school notice board.*
5. *Create a dictionary of your own by writing at least hundred words alphabetically along with their proper meaning and usage.*
6. *Learn all the completed chapters for test after summer vacation from Honeysuckle and read 1<sup>st</sup> lesson from "A Pact with the sun" and write its Q. Ans.*

## Maths

1. On a chart paper write properties of whole numbers with 2 example of each
2. What is greater form no.b/t 1 and 20
3. Find LCM of 14, 21 and 63
4. For HCF of 18 and 99
5. Add a).  $\frac{2}{3} + \frac{4}{5}$  b).  $\frac{7}{5} + \frac{8}{9}$
6. Solve a).  $\frac{6}{2} - \frac{2}{3}$  b).  $\frac{9}{2} - \frac{7}{3}$
7. Find first three common multiples of 6 and 8.
8. Estimate 5673-436.
9. Learn table up to 20.

## SCIENCE

### DO IN NOTEBOOK

- Q1- What are nutrients?
- Q2-Why do we need vitamins and minerals?
- Q3-Write some sources of proteins?
- Q4-What are dietary fibres?
- Q5-What are deficiency diseases?
- Q6-What is balanced diet?
- Q7-On a chart paper draw table 2.3 and learn?
- Q 8-Learn question- answer of chapter1 & chapter 2

## S.St.

### HISTORY

1. Learn all the chapters of history ( ch. 1,2,3) for PT 1.
2. Do map work of history.( RIVER AND BRUIL SITES)
3. Write a page on invension of fire and wheel.

### SOCIAL AND POLITICAL LIFE

1. Do all the chapters of pol. Sc. ( 1,2) for PT 1.
2. Do all the glossary and new words.

## GEOGRAPHY

1. Do all the chapters for half yearly exam. ( Ch 1,2 )
2. Do map work for PT 1.( India and its states, tropic of cancer and IST etc.

## ART EDUCATION

Make 2 drawings with the help of nature (leaves, flowers etc) on A3 Sheet

## COMPUTER

Complete the worksheet of chapter-1 page - 15

| WORKSHEET   |   |              |            |               |           |
|---|---|--------------|------------|---------------|-----------|
| <b>Identify the following peripherals as INPUT device or OUTPUT device.</b>                                   |   |              |            |               |           |
| 1. Monitor  | _____   |              |            |               |           |
| 2. Keyboard   | _____   |              |            |               |           |
| 3. Scanner  | _____   |              |            |               |           |
| 4. Laser Printer  | _____   |              |            |               |           |
| 5. Mouse  | _____   |              |            |               |           |
| 6. Speakers   | _____   |              |            |               |           |
| 7. Digital Camera   | _____   |              |            |               |           |
| <b>Fill in the blank with the correct answer from the box. Some may be used more than once or not at all.</b> |   |              |            |               |           |
| CPU   | BIOS  | power supply | hard drive | network card  |           |
| Motherboard   | RAM   | USB Port     | ROM        | video card    |           |
| 1. I connect computers and allow them to talk to each other.  | _____   |              |            |               |           |
| 2. I wake up the computer and remind it what to do.   | _____   |              |            |               |           |
| 3. I am the brain of the computer.  | _____   |              |            |               |           |
| 4. Information is stored on my magnetic cylinders.  | _____   |              |            |               |           |
| 5. I hold all of the other circuit boards.  | _____   |              |            |               |           |
| 6. I handle the graphics that are displayed on the monitor.   | _____   |              |            |               |           |
| 7. I am the type of port used by flash drives   | _____   |              |            |               |           |
| <b>Fill in the blanks with the vocabulary words from the box. Use each word only once.</b>                    |   |              |            |               |           |
| information   | flash drive   | CD           | primary    | DVD           | secondary |
| Windows   | operating system                                      | graphics     | upgraded   | user friendly |           |
| 1. _____  | memory is stored on chips located on the motherboard. |              |            |               |           |
| 2. _____  | memory is stored on the hard drive.                   |              |            |               |           |
| 3. A _____  | can hold information greater than a CD or DVD.        |              |            |               |           |
| 4. A _____  | usually holds up to 650 to 700 MB.                    |              |            |               |           |
| 5. A _____  | holds even more information at least 7 GB.            |              |            |               |           |
| 6. The purpose of storage in a computer is to hold _____  | or data.  |              |            |               |           |

## Sanskrit

1. पु० लिङ्ग , स्त्रीलिङ्ग, नपुंसकलिङ्गस्य दश दश उदाहरणानि लिखत ।
2. कोऽपि पञ्च पञ्च पशूनां , पक्षिणां , फलानां , पुष्पाणाम्च नामानि लिखत ।
3. राम , रमा , तथा पुष्प शब्दस्य शब्दरूपाणि लिखत कंठस्थीकरणं च कुरुत ।
4. पठ् धातो त्रिषु लकारेषु लट्, लङ्, लृट् लकारेषु धातुरूपाणि लिखत कंठस्थीकरणं च कुरुत ।
5. एकतः विंशतिः पर्यन्ता संख्याः संस्कृते लिखत ।
6. अवकाश समये प्रतिदिवसे दश संस्कृत वाक्यानि पठत ।

# CLASS -7 HOLIDAY HOMEWORK

## COMPUTER

Find out Answer of the given question in lesson 1<sup>st</sup> “Computer Security” with the help of text book and write in your note book.

## MATHS

1. Do all questions of ex6.3 pg131?
2. Do questions 2 and 3 of exercise 7.2 pg141.
3. Do questions 1 ex7.3 pg160.
4. Do questions 1 ex8.5 pg. 179.
5. Do questions 1 and 2 pg181.
6. Do all daily these questions of ch1 and ch2 pg8,11,12,18,19,22,23 and all worked out examples.
7. Do all try these ch2 pg. no 34,35,40,45 and all worked out examples.

## SCIENCE

### Chapter – 1

Q-1 Explain the Mechanism of the Eating Insects by a Pitcher plant.

Q-2 Explain the process how nutrients are replenished in the Soil?

Q-3 Draw Well Labeled Diagram of a Cell.

Q-4 In the absence of Photosynthesis, Life is impossible on the Earth Explain.

### Chapter -2

Q-1 Explain the mode of Feeding of the Starfish.

Q-2 What Happens when we do not clean our teeth after eating the food?

Q-3 Explain the Process of Rumination.

Q-4 Explain the digestion of Cellulose in animals with Diagram.

Q-5 Explain the digestion in Amoeba.

Learn Both the Chapter thoroughly & Read next two Chapters.

## English

*LEARN AND WRITE 2 Q, Ans. From these lessons:-*

### HONEYCOMB (TEXTBOOK):

#### READ AND LEARN-

- Lesson 1- Three Questions.
- Lesson 2- The Squirrel.
- Lesson 3- A Gift of Chappals.

### AN ALIEN HAND (TEXTBOOK):

- The Tiny Teacher
- Bringing Up Kari

### GRAMMAR:

#### LEARN AND WRITE:

- Two Notices
- Two Messages
- Two Letters (Formal)
- Tenses
- Two Paragraphs:
  - Child Labour

### Women Empowerment

## HINDI

पाठ 1से 3 तक पढ़ो, प्र.उ.याद करो तथा व्याकरण कार्य का अभ्यास करो।

बाल महाभारत कथा 1से50 पेज तक पढ़ो तथा 20 प्रश्न बना कर उनके उत्तर लिखो।

निबन्ध-मेरा प्रिय त्योहार लिखो।

बीमार होने पर दो दिन के अवकाश के लिए प्रार्थना पत्र लिखो।

## ART EDUCATION

Make 10 types of flowers and fill any colours of your choice.

on A3 Sheet

## SANSKRIT

१. एकतः शतं पर्यन्ता संख्याः संस्कृते लिखत ।
२. राम , रमा , तथा पुष्प शब्दस्य शब्दरूपाणि लिखत कंठस्थीकरणं च कुरुत ।
३. पठ् धातो त्रिषु लकारेषु लट्, लङ्, लृट् लकारेषु धातुरूपाणि लिखत कंठस्थीकरणं च कुरुत ।
४. स्वकीय पाठ्यस्तकस्य वा कोऽपि दश श्लोकान् अर्थे सह लिखत कंठस्थीकरणं च कुरुत ।
५. कोऽपि दश संस्कृत ग्रंथानाम् संस्कृते नामानि लिखत ।
६. विद्यालय पत्रिकायाः कृते लेखं/ कवितां / गीतं / कथां वा लिखत ।

अवकाश समये प्रतिदिवसे दश संस्कृत वाक्यानि पठत

# CLASS -8 HOLIDAY HOMEWORK

## MATHS

1. DO WHAT IS GIVEN FOR CLASS 8<sup>TH</sup> A.
2. WEBSITE KV NO.2 SOHNA ROAD GURUGRAM
3. DO ALL QUESTIONS GIVEN IN TRY THESE IN SEPARATE NOTEBOOK CH1 AND CH. 2?
4. DO ALL WORKED OUT EXAMPLES IN CH1 AND CH2.
5. REVISE FOR PT1 CH1 AND CH2.

## *SCIENCE*

Q-1 Make a Poster Showing usefulness of microorganisms, also paste or draw the pictures (on A3 size sheet)

Q-2 List out Various Diseases in Plants and animals caused by Microorganisms.

Q-3 Describe Various ways by which crop yield can be increased.

Q-4 what is animal husbandry? (Give two Examples)

Q-5 Give a reason why fields should be left fallow (uncultivated) once in a while.

Q-6 List some Harmful effects of plastics & some remedial measures to protect the environment from the hazards of plastics.

Q-7 Compare the physical & chemical properties of metals & non – metals.

Q-8 State one use of each of the following Iron, Aluminium, copper, Lead, sulphur & Nitrogen.

Q-9 Cell organelle which have their Own DNA & ribosome.

Q-10 Cell organelle which do not have cell membrane.

Q-11 Cell wall mainly composed of \_\_\_\_\_.

Q-12 Chromosomes are made up of \_\_\_\_\_ & \_\_\_\_\_.

## English

Learn and write:

### GRAMMAR

- 1) All the parts of tenses
- 2) Any two notices
- 3) Any two messages
- 4) Any two letters (Formal)
- 5) Two paragraphs:
  - A) Child Labour
  - B) Women empowerment

### HONEYDEW (TEXTBOOK)

Learn and write 2 Q. Ans. From the following lessons:-

- 1) The best Christmas present on the world
- 2) The ant and the cricket
- 3) The tsunami

### IT ALSO HAPPENED (TEXTBOOK)

- 1) How the camel got his hump
- 2) Children at work

## HINDI

पाठ 1 से 3 तक प्र.उ.याद करो तथा व्याकरण कार्य का अभ्यास करो। भारत की खोज 1 से 50 पेज तक पढ़ो तथा समझो।

वसंत ऋतु पर निबंध लिखो।

घर पर आवश्यक कार्य हेतु दो दिन के अवकाश के लिए प्रार्थना पत्र लिखो।

## COMPUTER

1. Learn Lesson-1 Ans.
2. With the help of Algorithm how to check whether a person can vote or not?
3. Write the algorithm to give a bonus of Rs. 1000 to those employees whose salary is more than Rs. 5000.

# S.St

## HISTORY

1. Learn all the chapters of history ( 1 to 4) for PT 1 exam.
2. Do map work of history. (chota Nagpur, baster, chattisgarh)
3. Do all new words and imp dates.

## SOCIAL AND POLITICAL LIFE

1. Do all the chapters of pol. Sc. ( 1,2) for PT 1.
2. Do all the glossary and new words.

## GEOGRAPHY

1. Do all the chapters for PT 1 exam. ( ch. 1,2,3 )
2. Do map work for half PT 1 exam. ( resources and national park, natural vegetation, soil types in India. )

MAKE A PROJECT ON TYPES OF RESOURCES AND INDIAN SECULARISM

## ART EDUCATION

Make 2 abstract or still life paintings. on A3 Sheet

## SANSKRIT

१. विद्यालय पत्रिकायाः कृते लेखं/ कवितां / गीतं / कथां वा लिखत।
२. स्वकीय पाठ्युस्तकस्य वा कोऽपि दश श्लोकान् अर्थे सह लिखत कंठस्थीकरणं च कुरुत ।
३. कृ धातो त्रिषु लकारेषु लट्, लङ्, लृट् लकारेषु धातुरूपाणि लिखत कंठस्थीकरणं च कुरुत ।
४. राम , रमा , तथा फल शब्दस्य शब्दरूपाणि लिखत कंठस्थीकरणं च कुरुत ।
५. एकतः शतं पर्यन्तं संख्याः संस्कृते लिखत ।
६. कोऽपि दश संस्कृत ग्रंथानाम् संस्कृते नामानि लिखत ।
७. कोऽपि पञ्चदश सन्धेः / विच्छेदस्य च उदाहरणानि लिखत ।
८. अवकाश समये प्रतिदिवसे दश संस्कृत वाक्यानि पठत ।

## CLASS -9 HOLIDAY HOMEWORK

### English

Q.1. English Magazine: -

Design an English magazine which should have the following:-

- ❖ An attractive cover page.
- ❖ Name of the magazine.
- ❖ A small story.
- ❖ Jokes.
- ❖ English riddles.
- ❖ Advertisements.
- ❖ Idioms and Proverbs.
- ❖ Crossword Puzzle etc.

Q.2. Diary Writing.

Diary writing is a good habit. It is a kind of personal document out of 40 days holidays. Select any 10 days and share your experiences, which are unforgettable to you or which are special for you.

Write about:-

- ❖ Any day when your relative visited to your house and you enjoyed a lot.
- ❖ Any day you helped your mother in the kitchen.

Q.3. Play word Antakshary:

Make a word chain, starting with your grandmother's name. Make new words (at least 5 alphabets each) with the encoding words. Make many as you can. (Min 200 words)

Q.4. Write a self composed poem of 8-10 lines on any one of the topic-

- ❖ Nature
- ❖ Friendship
- ❖ Bird

Q.5. BEEHIVE:-

- Write the character sketch of Evelyn Glennie and Ustad Bismillah Khan – Shahnai Maestro as described in "THE SOUND OF MUSIC".
- Learn all Q.Ans.(2marks+8marks) of the 2 chapters and two poems done in the class.

SUPPLEMENTARY READER:-

- Read Lesson-1 and write its Q. answer in notebook.

Q6. Read any book or short story and write its review depicting :-

- Acknowledgement
- Prelude/ introduction
- The story in short
- Plot of the story
- Comment on the main characters
- Conclusion

## *Hindi*

गद्य पाठ 1,2 तथा काव्य पाठ 1, कृतिका पाठ 2 पढ़ो तथा प्र.उ. लिखो।  
उपसर्ग तथा प्रत्यय विस्तार से लिखो।  
देशप्रेम पर निबंध लिखो।  
दो औपचारिक तथा दो अनौपचारिक पत्र लिखो।

## *Science*

Q-1 Would you cool a bucket of water more quickly by placing it on ice or placing ice in it? Give reason.

Q-2 which Contains more heat & why?

- 1kg of ice at 0°C or 1kg of water at 0°C.
- 1kg of water at 100°C or 1kg of steam at 100°C.

Q-3 why does all the water of the earth not get evaporated during the summer days.

Q-4 a) what is evaporation? State the various factor which effect evaporation.

b) Why does evaporation cool is liquid?

Q-5 what will happen if

- Excess of amount is fertilizer is added to a green lawn?
- Salt is added to at pieces of raw mango.

Q-6 Draw well labeled diagram of animal cell & plant cell on A4 Sheet.

Q-7 write short note on following

- Golgi Apparatus
- Mitochondria
- Ribosome
- Endoplasmic reticulum

Q-8 Answer in one word.

- i) Smallest cell organelle
- ii) Largest cell organelle in plants.
- iii) Largest cell organelle in animals.
- iv) Thin layer connecting two adjacent plant cell
- v) Thin layer connecting two adjacent Animal cell
- vi) Membrane of vacuole in plant cell is called

## COMPUTER

1. **Choose an image from your computer and resize it in three different styles and save it**
2. **Sunil wants to crop an image in such a way that he should get only desired part but he could not achieve it. Can you help him to solve his problem? write the steps**

## S.St.

### HISTORY

1. Learn all the chapters of history ( ch. 1) for PT 1 exam.
2. Do map work of history. ( FRANCE: its port, region of terror )
3. Do all the new words and important dates for exam.

### SOCIAL AND POLITICAL LIFE

1. Do all the chapters of pol. Sc. ( 1,2) for PT 1 exam.
2. Do all the glossary and new words.

### GEOGRAPHY

1. Do all the chapters for half yearly exam. ( ch. 1,2 )
2. Do map work for half yearly exam. (India , states, tropic of cancer, IST, neighbouring country, states TOC passes, boundry touched with Bangladesh, Mayanmar ,Bhutan, Nepal, Pakistan , china ,mountain,desert, island, UT etc )

### ECONOMICS

1. Do chapter one of economic for PT 1 exam.
2. Do all tables and diagram and pi chart.

MAKE A PROJECT ON ROLE OF CONSTITUTE ASSEMBLY IN MAKING INDIAN CONSTITUTION

## MATHS

1. Simplify  $(\sqrt{3}-\sqrt{7})^2$
  2. Rationalise the denomination of  $\frac{5}{\sqrt{7}-\sqrt{5}}$
  3. Check if  $-5+2\sqrt{5}-\sqrt{5}$  is rational or irrational number.
  4. Simplify  $8\sqrt{242} - 5\sqrt{50} + 3\sqrt{98}$
  5.  $X=\sqrt{2}+1$  find  $X-1$
  6. Simplify  $\frac{5(\sqrt{3}-\sqrt{5})(\sqrt{5}+\sqrt{3})}{7-2\sqrt{5}}$
  7. Find value of  $\sqrt{(144)^{-2}}$  and  $\sqrt{3^{-2}}$
  8. Simplify  $(\frac{x^a}{x^b})^{a+b} \times (\frac{x^b}{x^c})^{a+b} \times (\frac{x^c}{x^a})^{c+a}$
  9. Simplify  $\{5(16^{1/4} + 27^{1/3})\}^{1/4}$
  10. Find the value of x if  $3\sqrt{4x-7}+5$
  11. If  $x = \frac{-1}{3}$  is a zero of  $p(x)=27x^2-ax^2-x+3$
  12. If  $f(x)=5x^2-4x+5$  find value of  $f(1)+f(1)+f(0)$
  13. If -1 is a zero of  $p(x)=ax^2-x^2+x+4$  find value
  14. Check if  $x-1$  is a factor of  $2x^2-5x^2+x+2$  (b)  $4x^3-5x^2-3x+6$
  15. Find value of k, if  $x+k$  is a factor of  $p(x) = x^2+kx^2+2x+k+5$
  16. If  $p(x) = px^3+4x^2+3x-4$  and  $g(x)=x^{3-4+p}$  are divided by  $x-3$  then remainder in each case is same value of "p"
  17. Factorize :-
    - a.  $Y^3- 7y+6$
    - b.  $2x^3-5x^2-19x+12$
    - c.  $3x^3-4x^2-12x+16$
  18. Factorize :-
    - a.  $2x^2-7x-15$
    - b.  $42-x-x^2$
    - c.  $16x^2+25-40x$
- 19 – Without actual calculation find
- i.  $(-14)^3 + (8)^3 + (6)^3$
  - ii.  $(27)^3 + (-14)^3 + (-13)^3$
- 20 – Find the zeros of
- $$P(x) = (x - 4)^2 - (x - 6)^2$$
- 21 – Revise Chapter : 1 and Chapter: 2 for Periodic Test - I Complete activity copy.

## ART EDUCATION

Make 2 paintings with acrylic colours (paints). On A3 Sheet

## CLASS -10 HOLIDAY HOMEWORK

### English

1) To promote the habit of reading and take up the oral +writing skills, books have been issued from the library for all the students. Read the book thoroughly by the renowned author given to you . Write a review on the following guidelines:

- Acknowledgement
- Prelude/ introduction
- The story in short
- Plot of the story
- Comment on the main characters
- Conclusion

2) Entire class has been divided in three groups . Group leaders have been made. Prepare the following topics for class discussion to be taken up in the class after holidays as an oral activity. Each student of the group should speak for at least one minute.

- Group 1 - night owls or early birds : which one do you prefer and why?
- Group 2 - peer pressure can make or mar your future.
- Group 3 —e-learning- a substitute for classroom learning.

3. You are Manish/Maya, a resident of Rajiv Colony Gurugram. Your area faces frequent powercuts of electricity. Even the voltage is so low that you face a lot of inconvenience as a student. Write a letter to the Editor of a National daily showing your anxiety and deep concern at the erratic supply of electricity. Also suggest some ways and means to ease this critical situation.

4. First Flight:-

- Write the character sketch of LENCHO and THE POSTMASTER from 1<sup>st</sup> chapter.

- Write the inauguration of swearing in ceremony of NELSON MANDELA.
- Learn all the Q.Ans. (2marks+ 8 marks) of 2 chapters and 2 poems done in the class.

### *SUPPLEMENTARY READER:-*

- Describe the funny over protective attitude of Mrs. Pumphrey towards Tricki.
- Read L-2 and write its Q.Ans. in notebook.

**NOTE:-** Entire written work must be done in English Notebooks only. Prepare the Writing section Exercises such as PARAGRAPH WRITING and STORY WRITING as guided in the class.

Inputs By:-MRIDULA NARULA

## **Hindi**

क्षितिज से 2 पाठ गद्य तथा 2 काव्य के पढ़ो तथा प्र. उ. याद करो। कृतिका से पाठ 1 और 2 पढ़कर प्रश्नोत्तर लिखो।

प्रतिदिन एक निबंध पढ़ो।

कोई चार औपचारिक पत्र लिखो।

## **Science**

Q-1 a) Describe the structure and function of human excretory system with neat & well labeled diagram.

b) Describe Mechanism of urine formation.

Q-2 a) what do you meant by human circulatory system?

b) Draw a diagram of human heart & label it parts.

c) what do you meant by single circulation & double circulation?

Q-3 why do some people need to use a dialysis machine? What does the machine do?

Q-4 why it is necessary to separate oxygenated & deoxygenated blood in mammals & birds?

Q-5 Why do fire files glow at night?

Q-6 why do we store silver chloride in dark colored bottles?

Q-7 Give characteristics tests for the following gases.

a) CO<sub>2</sub>      b) SO<sub>2</sub>      c) O<sub>2</sub>      d) H<sub>2</sub>

Q-8 Zinc liberate hydrogen gas when reacted with dil HCl, where as copper does not. Explain why?

Q-9 Grapes hanging on the plant do not ferment but after being plucked from the plant can be fermented. Under what conditions do these grapes ferment? Is it a chemical or a physical change.

Q-10 Identify the reducing agent in the following reactions



## COMPUTER

Learn Answer of lesson 1<sup>st</sup> Autodesk 3D MAX.

Create a 3D object on A4 sheet

## S.St

### HISTORY

1. Learn all the chapters of history ( ch. 1,2) for PT 1 exam.
2. Do map work of history. ( Europe and congress section and place related to national movement )
3. Do all the new words and important dates for exam.

### SOCIAL AND POLITICAL LIFE

3. Do all the chapters of pol. Sc. ( 1,) for PT 1 exam.
4. Do all the glossary and new words

## GEOGRAPHY

3. Do all the chapters for half yearly exam. ( ch. 1,2,3 )
4. Do map work for half yearly exam. (India , types of resources , national park, natural vegetation and dams )

## ECONOMICS

3. Do chapter one of economic for PT 1 exam.
4. Do all tables and diagram and pi chart.

## MAKE A PROJECT ON INDIAN NATIONAL MOVEMENT

## MATHS

1. What is the HCF of smallest prime number and the smallest composite number?
2. HCF and LCM of two numbers is 9 and 108 respectively if one of the numbers is 36, find the other number.
3. Explain why  $(17 \times 5 \times 11 \times 3 \times 2 + 2 \times 11)$  a composite number is.
4. Find the HCF of number given below  $k, 2K, 3K, 4K$  and  $5K$ , where  $K$  is any positive integer.
5. Explain whether  $3 \times 12 \times 101 + 4$  is a prime number or composite number.
6. Find the HCF of 1656 and 4025 by Euclid's division algorithm.
7. Two tankers contain 850 litres and 680 litres of petrol respectively find the maximum capacity of a container which can measure the petrol of either tanker in exact number of times.
8. Check whether  $4^n$  can end with the digit 0 for any natural number  $n$ .
9. Show that any positive even integer can be written in the form of  $6q, 6q + 2$  or  $6q + 4$  where  $q$  is an integer.
10. Show that  $3 + 5\sqrt{2}$  is an irrational number.
11. For what value of  $p$ ,  $(-4)$  is a zero of the polynomial  $x^2 - 2x - (7p + 3)$ ?
12. If  $\alpha$  and  $\beta$  are the roots of  $ax^2 - bx + c = 0$  ( $a$  is not equal to zero), then calculate  $\alpha + \beta$ .
13. Find the quadratic polynomial whose zeros are  $\sqrt{15}$  and  $-\sqrt{15}$ .
14. If one of the zeros of the quadratic polynomial  $ax^2 + bx + c$  is 0, 1 then find the other zeros.
15. If 1 of a zero of polynomial  $ax^2 - 3(a - 1)x - 1$  then find the value of  $a$ .
16. Write the polynomial, the product and sum of whose zeros are  $-9/22$  and  $-3/2$  respectively.
17. Find all zeros of the polynomial  $(2x^4 - 9x^3 + 5x^2 + 3x - 1)$  if two of its zeros are  $(2 + \sqrt{3})$  and  $(2 - \sqrt{3})$ .
18. Find the quadratic polynomial the sum and product of whose zeroes are  $-8$  and  $12$  respectively. Hence find the zeros.
19. Divide the polynomial  $x^4 - 9x^2 + 9$  by the polynomial  $x^2 - 3x$  and verify the division algorithm.
20. If  $\alpha$  and  $\beta$  are the two zeros of the polynomial  $6y^2 - 7y + 2$ , find quadratic polynomial whose zeros are  $1/\alpha$  and  $1/\beta$ .
21. Obtain all other zeros of the polynomial  $2x^4 + 3x^3 - 5x^2 - 9x - 3$ , if two of its zeros are  $\sqrt{3}$  and  $-\sqrt{3}$ .
22. Obtain all other zeros of the polynomial  $x^4 + 2x^3 - 13x^2 - 38x - 24$ , if two of its zeros are  $-1$  and  $-2$ .

23. Given the linear equation  $3x - 4y - 7 = 0$ , write another linear equation in these two variables such that the geometrical representation of the pair so formed is:

- Intersecting lines
- Parallel lines

24. For what value of  $k$  does the pair of equations given below has a unique solution?

$$Y - x = 6$$

$$3kx + 2y = 7$$

25. If the system of equations  $6x + 2y = 3$  and  $kx + y = 2$  has a unique solution, find the value of  $k$

26. Find whether the following pair of linear equations is consistent or inconsistent.

$$3x + 2y = 8$$

$$6x - 4y = 9$$

27. Find whether the lines representing the following pair of linear equations intersecting at a point, are parallel or coincident:

$$2x - 3y + 6 = 0, 4x - 5y + 2 = 0$$

28. Find the values of  $\alpha$  and  $\beta$  for which the following pair of linear equation has infinite number of solution:

29.  $2x + 3y = 7$  and  $2\alpha x + (\alpha + \beta)y = 28$ .

30. Determine the value of  $m$  and  $n$  so that the following system of linear equations have infinite numbers of solution:

$$(2m - 1)x + 3y - 5 = 0$$

$$3x + (n - 1)y - 2 = 0$$

31. Solve for  $x$  and  $y$   $6(9x + 6y) = 3a + 3b$ ;  $6(bx - ay) = 3b - 2a$

32. Solve graphically the pair of linear equation  $3x - 4y + 3 = 0$  and  $3x + 4y - 21 = 0$

33. Solve the following pair of equation graphically:

$$2x + 3y = 12, x - y - 1 = 0$$

34. The area of rectangle reduces by  $160 \text{ m}^2$  if its length is increased by  $5 \text{ m}$  and breadth is reduced by  $4 \text{ m}$ . However if length is decreased by  $10 \text{ m}$  and breadth increased by  $2 \text{ m}$ , then its area is decreased by  $100 \text{ m}^2$ . Find the dimension of the rectangle.

35. Places A and B are  $80 \text{ km}$  apart from each other on a highway. A car starts from A and another from B at the same time. If they move in same direction they meet in  $8 \text{ hours}$  and if they move in opposite direction they meet in  $1 \text{ hour } 20 \text{ minutes}$ . Find speed of the cars.

## ART EDUCATION

Make composition on any topic. On A3 Sheet