

# Kendriya Vidyalaya (AFS) Uttarlai, Barmer

## Winter Holiday Homework 2019

### Class 6

#### Subject: Hindi

कक्षा-6-ब

विषय-हिन्दी

- (1) अग्रलिखित विषयों पर निबंध लिखें | (शब्द सीमा-150-200 शब्द)
- (क) गणतंत्र दिवस                      (ख) शीत ऋतु
- (2) अपने मित्र को उसके जन्मदिन की बधाई देने के लिए एक बधाई पत्र लिखिए |
- (3) प्राचार्य महोदय को दो दिन की छुट्टी हेतु एक प्रार्थना-पत्र लिखिए |
- (4) अर्द्धवार्षिक परीक्षा के बाद पठित पाठों के प्रश्नोत्तर याद करें |
- (5) अग्रलिखित विषयों पर अनुच्छेद लिखें | (शब्द सीमा- 60-75 शब्द)
- (क) प्रिय दोस्त                      (ख) प्रिय खेल

**Subject: English**

**Subject: Maths**

**Subject: SST**

# HOLIDAY -HOMEWORK

**Sub- S.S.T**

**Class-6 A , B , C**

- Q1. Why did kings want to control the silk route ?
- Q2. Kanishka was very famous amongst Kushans . Justify in three point ?
- Q3. Distinguish between Atmosphere and Biosphere ?
- Q4. How does Atmosphere act like a blanket ?
- Q5. Mountains are thinly populated . answer why in three points ?
- Q6. Plain are thickly populated . answer why in three points ?
- Q7. Describe how gram panchayat is formed ?
- Q8. Elaborate any three sources of funds for the panchayat ?
- Q9. Explain the importance of district collector in district administration ?
- Q10. Explain any three function of tehsildar.
- Q11. Describe the role of chief executive officer in three points .
- Q12. Analyse the working condition of people living in URBAN in three points .
- Q13. Give a brief discription of the three Himalaya ranges .

**Subject: Science**

**6A,B,C**

Q.1. Prepare all the exercise questions from chapter 9 to13.

Q.2. Learn the summary from chapter 9to13.

Q.3. List the common characteristics of the living things.

Q.4. How are cactus adapted to survive in desert.

Q.5. Why could you not use an elastic measuring tape to measure distance? What would be some of the problems you would meet in telling someone about a distance you measured with an elastic tape.

Q.6. Write the similarities and differences between the motion of a bicycle and a ceiling fan that has been switched on.

Q.7. Question no.2 from the exercise questions in chapter 11.

Q.8. Why should an electrician use rubber gloves while repairing an electric switch at your home? Explain.

Q.9. Would the bulb glow after completing the circuit shown in fig. 12.14. If instead of safety pin we use an eraser?

Q.10. Write any two properties of a magnet?

Q.11. How is compass is used to find directions?

## Subject: Sanskrit

षष्ठी –संस्कृतम्(लिखना एवं याद करना )

1. अकारान्त पुल्लिङ्गशब्दः - समर

2. आकारान्तस्त्रीलिङ्गशब्दः- सीता

3. इकारान्त पुल्लिङ्गशब्दः- मुनि

4. उकारान्त पुल्लिङ्गशब्दः - गुरु

5. अकारान्त नपुंसकलिङ्गशब्दः - फल

धातुरूपाणि-(लिखना एवं याद करना )

(लट्,लृट्,लोट् ,लङ् लकारेषु

6. पठ् ,लिख्, हस् ,पच् ,नृत्,पा, नम्,गा ,रच् ।

7. गणना ५० पर्यन्तम्।

8. दो संस्कृतवाक्य प्रतिदिन बनार्ये।

# Class 7

## Subject: Hindi

कक्षा-7 स

विषय-हिन्दी

(1) अग्रलिखित विषयों पर निबंध लिखें | (शब्द सीमा-150-200 शब्द)

(क) गणतंत्र दिवस (ख) पर्यावरण प्रदूषण

(2) अपने मित्र को उसके जन्मदिन की बधाई देने के लिए एक बधाई पत्र लिखिए |

(3) प्राचार्य महोदय को दो दिन की छुट्टी हेतु एक प्रार्थना-पत्र लिखिए |

(4) अर्द्धवार्षिक परीक्षा के बाद पठित पाठों के प्रश्नोत्तर याद करें |

(5) अग्रलिखित विषयों पर अनुच्छेद लिखें | (शब्द सीमा- 60-75 शब्द)

(क) प्रिय दोस्त (ख) प्रिय खेल

## Subject: English

- Fill in the blanks with the correct form of the verb given in the brackets:  
Ravi.....(born) in 1992. He first.....(join) a preparatory in 1995. At that time he.....(be) very naughty boy. He often.....(cry) when his mother took him to school. As he.....(grow) up he became more sober. Later he.....(get) admission in a reputed school of Delhi.
- Rearrange the following words/phrases to form the meaningful sentences:  
Make/promises/false/do/not  
Has/rich/culture/Indian/ a heritage  
Prosecuted/will/trespassers/be  
Population/is/the/ninety-million/of India/more or less/than
- Learn and write 20 synonyms and 20 antonyms and also make sentence using these words:
- Imagine that you have been selected to deliver a speech on the occasion of "teacher day" think of what you would like to express and write in your note book
- Read five stories from any story book and write Title and Moral of the stories.
- Write a letter to your friend congratulating him on his birthday.
- Write a short paragraph on the following topics:  
(a) Women empowerment (b) Importance of yoga in modern age
- Revise your syllabus up to December.
- Learn the word meanings from your text book.

## Subject: Maths

## Subject: SST

Class – 7ABC

subject – S.S.T

## Geography

Q .1 Explain the board classification of the natural vegetation?

Q .2 Different between evergreen forest and deciduous forest ?

Q .3 Write and account on the grasslands of the world and locate in the world maps?

Q .4 Explain the two types of waterways?

Q .5 The rainforest are rich in fauna. Give a description of the fauna of the area?

Q .6 Write two positive and two negative aspects of airways?

## Civics

Q .1 Discuss new ideas the emerged about education and learning in the 19<sup>th</sup> century?

Q .2 Discuss the importance of media in a democratic country in three points?

Q .3 Write a short note on the social advertising?

Q .4 Discuss the reasons that have made cooperatives popular in India?

## History

Q .1 Give a brief account of the tribal people found in different parts of the subcontinent?

Q .2 Write a short note on durgawati?

Q .3 What were the important teachings of Guru nanak dev?

Q .4 What were the main reforms brought about by Bhakti and Sufi movements?

Q .5 Describe the teachings of saint Kabir?

## **Subject: Science**

1. Prepare all the questions of exercises of all the chapters from chapter no. 11-15.

2. Learn summary of all the chapters from chapter no. 11-15.

3. Draw labelled diagrams of:-

- (a) Human heart
- (b) Human excretory system
- (c) Pollination in flower
- (d) Reproductive parts of a plant
4. Describe the functions of the heart .
5. Draw pictures and symbols for electric circuit components.
6. Draw an electric circuit diagram.
7. Why it is necessary to excrete waste products.
8. Describe with examples different methods of asexual reproduction.
9. Explain sexual reproduction.
10. Show the shape of the distance-time graph for the motion in the following cases:-
- (a) A car moving with a constant speed
- (b) A car parked on a side road
11. Zubeda made an electric using a cell holder shown in fig.14.4, a switch and a bulb. When she put the switch in the "ON" position, the bulb did not glow. Help Zubeda in identifying the possible defects in the circuit.
12. State the characteristics of the image formed by a plane mirror.
13. State 2 differences between a convex and a concave lens.
14. What is a virtual image? Give one situation where a virtual image is formed.

## Subject: Sanskrit

सप्तमी –संस्कृतम्(लिखना एवं याद करना )

1. अकारान्त पुल्लिङ्गशब्दः - अमर ,समीर ।
2. आकारान्तस्त्रीलिङ्गशब्दः- सीता,राधा ।
3. इकारान्त पुल्लिङ्गशब्दः- मुनि.कवि ।
4. उकारान्त पुल्लिङ्गशब्दः - गुरु ,प्रभु ।
5. अकारान्त नपुंसकलिङ्गशब्दः - फल ।

6. इकारान्त नपुंसकलिङ्गशब्दः- वारि

7. उकारान्त नपुंसकलिङ्गशब्दः-मधु

धातुरूपाणि-(लिखना एवं याद करना )

(लट्,लृट्,लोट् ,लङ् ,विधिलिङ्ग लकारेषु)

8. गम् ,लिख्, कृ ,पच् ,नृत्,पा, अस्,गा ,रच् ।

9. गणना १०० पर्यन्तम्।

10. तीन संस्कृतवाक्य प्रतिदिन बनायें।

## Class 8

### Subject: Hindi

आठवीं -ब

प्र०1 कोई भी 20 वक्यानाश के लिए एक शब्द लिखिए?

प्र०2 आ,अप,अभी,अनु,वि,सु,नि,प्र उपसर्ग से?

प्र०3आ,आहट,आवट,आई,ई,ईय,औना,अक्कड़,एया प्रत्यय से बनाने वाले कोई तीन-तीन शब्द लिखिए?

प्र०4 प्रत्येक समास के चार-चार उदाहरण लिखते हुए स्पष्ट कीजिए?

प्र०5 स्वास्थ्य विभाग के मुख्य अधिकारी को पत्र लिखकर सूचित कीजिए कि दिन-प्रतिदिन खाद पदार्थों मेंमिलावट बढ़ती जा रही है?

प्र०6 मेरे सपनों का विध्यालय विषय पर 250 शब्दों का निबंध लिखिए ?

प्र०7 वसंत के सभी पाठों का स्वयं अध्ययन कीजिए ?

प्र०8 भारत कि खोज का सभी भागों का स्वयं अध्ययन कीजिए ?

पूरा काम फाइल में कीजिए।

#### कक्षा-8 स

#### विषय-हिन्दी

(1)अग्रलिखित विषयों पर निबंध लिखें | (शब्द सीमा-175-200 शब्द)

(क) गणतंत्र दिवस (ख) पर्यावरण प्रदूषण

(2) अपने मित्र को उसके जन्मदिन की बधाई देने के लिए एक बधाई पत्र लिखिए |

(3) प्राचार्य महोदय को दो दिन की छुट्टी हेतु एक प्रार्थना-पत्र लिखिए |

(4) अर्द्धवार्षिक परीक्षा के बाद पठित पाठों के प्रश्नोत्तर याद करें |

(5)अग्रलिखित विषयों पर अनुच्छेद लिखें | (शब्द सीमा-100-120 शब्द)

(क) प्रिय दोस्त (ख) प्रिय खेल

### Subject: English

Syllabus

Honeydew: The Duck and the Kangaroo, When I Set Out for Lyonesse, V visit to Cambridge



Supplementary Reader: The Fight, The Open Window, Jalebi

Homework

1. You are Ram/Roma the Secretary of the School Cultural Committee. Write a notice to announce a Solo Dance Competition that is going to be held the next week in the school.
2. A famous sports person is going to visit your school. You have been asked to interview him/her. Write 8 to 10 questions you wish to ask.
3. Daily diary for whole vacation. (minimum 10 lines)
4. Daily read minimum 10 lines loudly.
5. Revise syllabus for PT 2.
6. Read all the remaining chapters.
7. Make index and keep record of each and every activity with parents signature.

## Subject: Maths

### ALL EXAMPLES OF CHAPTER 10 TO 13

## Subject: SST

### SOCIAL SCIENCE

### 8-A,B,C

- Q.1 How many types of economic activity? And explain.
- Q.2 Differentiate between *primitive & commercial* agriculture.
- Q.3 Explain types of farming.
- Q.4 Who were *agaria*?
- Q.5 Why did the Indian Iron Smelting industry decline in the nineteenth century?
- Q.6 What helped TISCO expand steel production during the first *world war*?
- Q.7 Why did *James Mill & Thomas Macaulay* think that European education was essential in India?
- Q.8 Why did Mahatma Gandhi want to teach children handicrafts?
- Q.9 How did Jyotirao the reformers justify their criticism of caste inequality of society?

Q.10 Discuss the constitutional provision for uplifting marginalized group?

Q.11 Who does it mean to be *socially marginalized*?

## Subject: Science

### CLASS – 8ABC

Q.1: Give two differences between a zygote and a foetus?

Q.2: Define asexual reproduction. Describe two methods of asexual reproduction in animals?

Q3: What is metamorphosis? Give examples?

Q.4: What is menstruation? Explain.

Q.5: Write short notes on -

(a) Adam's apple.

(b) Secondary sexual characters.

(c) Sex determination in the unborn baby.

Q.6: A pendulum oscillates 40 times in 4 seconds. Find its time period and frequency.

Q.7: Explain in what way noise pollution is harmful to human?

Q.8: Sketch larynx and explain its functions in your own words?

Q.9: Is it safe for electrician to carry out electrical repairs outdoors during heavy downpours ?Explain.

Q.10: Suggest three measures to protect us from lightening?

## Subject: Sanskrit

अष्टमी –संस्कृतम्(लिखना एवं याद करना )

1. अकारान्त पुल्लिङ्गशब्दः - अमर ,समीर ।

2. आकारान्तस्त्रीलिङ्गशब्दः- सीता,राधा ।

3. इकारान्त पुल्लिङ्गशब्दः- मुनि.कवि ।

4. उकारान्त पुल्लिङ्गशब्दः - गुरु ,प्रभु ।

5. अकारान्त नपुंसकलिङ्गशब्दः - फल ।

6. इकारान्त नपुंसकलिंगशब्दः- वारि

7. उकारान्त नपुंसकलिंगशब्दः-मधु

8. ईकारान्तस्त्रीलिंगशब्दः-नदी

9. किम् त्रिषु लिंगेषु

10. अस्मद् ,युष्मद्

धातुरूपाणि-(लिखना एवं याद करना )

(लट्,लृट्,लोट् ,लङ् ,विधिलिङ् लकारेषु)

11. गम् ,लिख्, कृ ,पच् ,नृत्,पा, अस्,गा ,रच्,सेव्,लभ् रुच् ।

12. गणना १०० पर्यन्तम्।

13. तीन संस्कृतवाक्य प्रतिदिन बनायें।

# Class 9

## Subject: Hindi

कक्षा-9 अ,स

विषय-हिन्दी

(1)अग्रलिखित विषयों पर निबंध लिखें | (शब्द सीमा-250-300 शब्द)

(क) गणतंत्र दिवस (ख) भारतीय संविधान

(2) अपने मित्र को उसके जन्मदिन की बधाई देने के लिए एक बधाई पत्र लिखिए |

(3) प्राचार्य महोदय को दो दिन की छुट्टी हेतु एक प्रार्थना-पत्र लिखिए |

(4) द्वितीय आवधिक परीक्षा (PT-2) के बाद पठित पाठों के प्रश्नोत्तर याद करें |

(5)अग्रलिखित विषयों पर अनुच्छेद लिखें | (शब्द सीमा- 120-150 शब्द)

(क) सत्संगति (ख) मित्रता

9-ब

दिनांक-07/12-2019

प्र०1 समास कि परिभाषा लिखते हुए प्रत्येक समास को प्रत्येक करते हुए प्रत्येक समास के चारचार उदाहरण - देकर सपष्ट कीजिए ?

प्र०2 अलंकर कि परिभाषा लिखते हुए प्रत्येक के दो दो उदाहरण देकर- सपष्ट कीजिए ?

प्र०3 अति,अधि,अनु,अप,अभी,अव,आ,नि,प्र,वि उपसर्ग से बनना वाले तीन तीन उदाहरण लिखिए- ?

प्र०4अक्कड़,आऊ,आक,आना,आवत,आहट,एरा,कर,ता, प्रत्यय कर तीनतीन उदाहरण लिखिए- ?

प्र०5 आर्थिक सहायता प्राप्त करने के संबंध में आपने विधालय के श्रीमान प्राचार्य महोदय के पत्र लिखिए |

प्र ०6 नगरनिगम के स्वास्थ्य अधिकारी अपने क्षेत्र में फैली गंधगी के संबंध में पत्र लिखिए |

प्र ०7 मेरे सपनो का विद्यालय विषय पर 250 शब्दों का निबंध लिखिए |

प्र ०8 अपने विद्यालय में आयोजन गणतंत्र दिवस समारोह पर एक प्रतिवेदन तैयार कीजिए |

प्र ०9 क्षितिज के गद्य खंड और पद्य खंड का अध्ययन कीजिए

|

प्र 10 कृतिका के पाठो का अध्ययन कीजिए |

## **Subject: English**

1. Recently you have visited a school for the deaf and dumb. You are sympathetic for the situation, they are in. Make a diary entry, writing down your feeling about their situation, in about 100-150 words.
2. You want to see an IPL cricket match I the stadium of TV. Your father did not allow you. You went to the stadium without telling your father. When you reached there, you found your father standing in the queue there. Develop the story, in about 150-120 words, describing your father there.
3. Given below is the beginning of a story. Complete it, in about 150-120 words.
4. Drug addiction is becoming very common among our youths. Perhaps some of the young find this life too burdensome. To escape this they take to drugs. Write an article, in about 100-150 words, on the topic, "The evil of drugs addiction".
5. "Animals also feel the pleasure of love and the pains of seperation" support your views by giving examples from the text.
6. "Once you decide to change the system such problems have to be confronted" what system is this sentence referring to? What are such problems? Does the text suggest that problem had been tackled?

## **Subject: Maths**

### **ALL EXAMPLES OF CHAPTER 10 TO 13**

## **Subject: SST**

Social Science Holiday Home Work      Class\_9th

- Q.1 Describe how the poverty in is estimated in India.
- Q.2 What are main features of the National Rural Employment Guarantee Act 2005?
- Q.3 Explain the different patterns made by the rivers.
- Q.4 Describe the role of rivers in any economy.
- Q.5 The pressure and wind condition over India are unique.Explain.
- Q.6 Give an account of Indian Monsoon.
- Q.7 Why forests are important for human beings?
- Q.8 Why does India have a rich heritage of Flora and Fauna?
- Q.9 What are the steps taken by the government to protect Flora and Fauna?
- Q.10 What is the relation between occupational structure and development.
- Q.11 what are the significant features of the national population policy 2000?

## **Subject: Science**

# BIOLOGY

1. How do animals of Porifera differ from animals of cnidaria?
2. Differentiate between parenchyma, collenchyma and sclerenchyma on the basis of their cell wall.
3. Define the given terms along with an example
  - [a] Bilateral symmetry
  - [b] Coelom
  - [c] Triploblastic
4. [1] Differentiate between acute and chronic diseases.  
[2] Give one example each of acute and chronic diseases.  
[3] Mention any two causes of baby's disease.
5. Why are plant and animal tissues different?
6. Plasma membrane is permeable to water. How does a cell show endosmosis or exosmosis?
7. Distinguish between symptoms and signs of a disease.
8. Is air a mixture or a compound? Give three reasons for your answer.
9. Define intercropping. How does it differ with mixed cropping?
10. Give two examples each of
  - [1] Narrow leaved Rabi season weed
  - [2] Broad leaved Kharif season weed

# CHEMISTRY

1. Why is ozone layer called ozone umbrella/shield? What would be the effects on widening of ozone hole?
2. [1] What is fractional distillation? What is the use of fractionating column in fractional distillation?  
[2] Draw a labeled diagram of the fractional distillation apparatus used for separating a mixture of alcohol and water.
3. In brief, state what happens when
  - [1] Dry apricots are left for some time in pure water and later transferred to sugar solution.

[2] A red blood cell is kept in concentrated salt solution.

[3] The plasma membrane of a cell breaks down.

[4] Rheo leaves are boiled in water first and then a drop of sugar syrup is put on it.

[5] Golgi apparatus is removed from the cell.

4. Define:

(1) Hypertonic solution

(2) Hypotonic solution

(3) Isotonic solution

5. Describe the major components of air pollution.

6. How is water purified on a large scale at water work? Explain with the help of a labelled diagram. Name the substance which is added to kill germs in the drinking water supply?

7. (1) What is the nucleus of an atom and what is the nature of charge on it?

(2) Name the scientist who discovered the nucleus of atom.

8. (1) Describe the Rutherford's model of an atom. State one drawback of Rutherford's model of the atom.

(2) The mass number of an element is 23 and it contains 11 electrons. What is the number of protons and neutrons in it? What is the atomic number of the elements?

9. Give one major drawback of Dalton's atomic theory of matter. Dalton's atomic theory says that atoms are indivisible. Is this statement still valid? Give reasons for your answer.

10. Describe Thomson's model of the atom. Which subatomic particle was not present in Thomson's model of the atom?

## PHYSICS

### WORK AND ENERGY

1. Define work. Discuss the positive, negative and zero work done.

2. Derive an expression for Work done by a constant force.

3. A force of 5 N is acting on an object. The object is displaced through 2 m in the direction of the force. If the force acts on the object all through the displacement, then work done is  $5 \text{ N} \times 2 \text{ m} = 10 \text{ N m}$  or 10 J.

4. A porter lifts a luggage of 15 kg from the ground and puts it on his head 1.5 m above the ground. Calculate the work done by him on the luggage.

5. Define Energy. Discuss various forms of energy

6. Define kinetic energy. Derive an expression for the kinetic energy of an object.

7. Define potential energy. Derive an expression for the potential energy of an object.

8. An object of mass 15 kg is moving with a uniform velocity of  $4 \text{ m s}^{-1}$ . What is the kinetic energy possessed by the object?

9. What is the work to be done to increase the velocity of a car from  $30 \text{ km h}^{-1}$  to  $60 \text{ km h}^{-1}$  if the mass of the car is 1500 kg?

10. Find the energy possessed by an object of mass 10 kg when it is at a height of 6 m above the ground. Given,  $g = 9.8 \text{ m s}^{-2}$ .
  11. State and prove the law of conservation of energy.
  12. Define power. Write a relation for the power. Also write the unit of power.
  13. Define commercial unit of energy. Find the value of 1kwh in joule.
  14. A boy of mass 50 kg runs up a staircase of 45 steps in 9 s. If the height of each step is 15 cm, find his power. Take  $g = 10 \text{ m s}^{-2}$ .
  15. An electric bulb of 60 W is used for 6 h per day. Calculate the 'units' of energy consumed in one day by the bulb.
- All students must have a practice of all the questions of NCERT Text book exercise.

## Sound

1. Show that the sound is produced by the vibrating objects.
2. Discuss Propagation of Sound in brief
3. Show that the SOUND NEEDS A MEDIUM TO TRAVEL.
4. Why SOUND WAVES ARE LONGITUDINAL WAVES.
5. Define frequency • amplitude and • speed of sound.
6. Prove that for a sound wave speed = wavelength  $\times$  frequency.
7. A sound wave has a frequency of 2 kHz and wave length 35 cm. How long will it take to travel 1.5 km?
8. Why sound have maximum speed in solids?
9. State the Reflection of Sound. Write the laws of reflection of sound.
10. A person clapped his hands near a cliff and heard the echo after 5 s. What is the distance of the cliff from the person if the speed of the sound,  $v$  is taken as  $346 \text{ m s}^{-1}$ ?
11. Explain Reverberation.
12. Describe the uses of multiple reflection of sound.
13. What is Range of Hearing for human beings?
14. Explain in brief Applications of Ultrasound.
15. With help of a labelled diagram Structure of Human Ear.

All students must have a practice of all the questions of NCERT Text book exercise.

## Subject: Sanskrit

नवमी –संस्कृतम्(लिखना एवं याद करना )

1. अकारान्त पुल्लिङ्गशब्दः - अमर ,समीर |



2. आकारान्तस्त्रीलिंगशब्दः- सीता,राधा ।
  3. इकारान्त पुँलिंगशब्दः- मुनि.कवि ।
  4. उकारान्त पुँलिंगशब्दः - गुरु ,प्रभु ।
  5. अकारान्त नपुंसकलिंगशब्दः - फल ।
  6. इकारान्त नपुंसकलिंगशब्दः- वारि
  7. उकारान्त नपुंसकलिंगशब्दः-मधु
  8. ईकारान्तस्त्रीलिंगशब्दः-नदी
  9. किम् त्रिषु लिंगेषु
  10. अस्मद् ,युष्मद्।
  11. भवत् ,दण्डिन्
  12. ऋकारान्त मात् , पितृ
- धातुरूपाणि-(लिखना एवं याद करना )  
(लट्,लृट्,लोट् ,लङ् ,विधिलिङ्ग लकारेषु)
13. गम् ,लिख्, कृ सेव्,रूच् ,पच् ,नृत्,पा, अस्,गा ,रच् ।
  14. गणना १०० पर्यन्तम्।
  15. पांच संस्कृतवाक्य प्रतिदिन बनाये

## Class 10

### Subject: Hindi

कक्षा- दसवीं – अ , ब , स

1. निम्नलिखित विषयों पर निबंध लिखिए –

- I. मेरे सपनों का विद्यालय .
- II. स्वच्छ भारत अभियान एक वरदान
- III. प्राकृतिक आपदा – कारण और निवारण

2. निम्नलिखित विषयों पर विज्ञापन लिखिए-

- I. 'मिलन' नाम से बॉल और जेल पेनो की एक कंपनी बाज़ार में आई है | उसके लिए विज्ञापन तैयार कीजिए |
- II. बाज़ार में नया मोबाइल – 'वीनस' आया है | उसकी बैटरी बिना चार्जिंग के छः महीने तक चलती है | इस पर एक विज्ञापन तैयार कीजिए |
- III. हिंदी के छात्रों के लिए – 'विशेष हिंदी व्याकरण' बाज़ार में आई है | एक विज्ञापन तैयार कीजिये |
- IV. इंजीनियरिंग और मेडिकल की परीक्षा की तैयारी के लिए नया कोचिंग संस्थान खुला है – 'विकास' | छात्रों को आकर्षित करने के लिए विज्ञापन तैयार कीजिये |
- V. अपने नगर में साइकिल की नई दुकान खुली है – 'प्रीत साइकिल स्टोर' | एक विज्ञापन तैयार कीजिये |
- VI. बाज़ार में नया कूलर आया है – 'समीर' | यह 100 वाट में इन्वर्टर पर भी चल सकता है | एक विज्ञापन तैयार कीजिए |

3. पाठ्यपुस्तक 'क्षितिज' के सभी गद्य – पद्य खंडों का स्वअध्ययन कीजिए |

4. पाठ्यपुस्तक 'कृतिका' के सभी पाठों का स्वअध्ययन कीजिए |

### Subject: English

**Solve sample paper of CBSE.**

### Subject: Maths

**Solve sample paper of CBSE.**

### Subject: SST

**Solve sample paper of CBSE.**

### Subject: Science

**CHEMISTRY**

# Q.1 SOLVE LAST 3 YEAR QUESTION PAPER(CHEMISTRY PORTION) IN CLASSWORK COPY

## CLASS X (PHYSICS)

1. SOLUTION OF PHYSICS QUESTIONS FROM LAST 5 YEAR CBSE QUESTION PAPER.
2. RAY DIAGRAM FOR FORMATION OF IMAGE BY CONCAVE & CONVEX MIRROR.
3. RAY DIAGRAM OF FORMATION OF IMAGE BY CONCAVE & CONVEX LENS.
4. 4 EXAMPLES [SR. NO. 1, 2, 3, 4] FROM CHAPTER – LIGHT.
5. EXAMPLES NO: - 4 TO 11 OF CHAPTER – ELECTRICITY.

**NOTE: - IN NOTEBOOK**

## X ABC(BIO)

**solve any 20 questions one mark..**

**solve any 10 questions of two marks.**

**solve any 10 questions of three marks**

**solve any 6 questions of five marks**

**Draw well labelled diagrams - any 5 diagrams of your choice.**

**solve previous years biology questions from the paper of session 2015 to 2019 CBSE board exam**

## Subject: Sanskrit

दशमी –संस्कृतम्(लिखना एवं याद करना )

1. अकारान्त पुल्लिङ्गशब्दः - अमर ,समीर ।
2. आकारान्तस्त्रीलिङ्गशब्दः- सीता,राधा ।
3. इकारान्त पुल्लिङ्गशब्दः- मुनि.कवि ।
4. उकारान्त पुल्लिङ्गशब्दः - गुरु ,प्रभु ।

5. अकारान्त नपुंसकलिङ्गशब्दः - फल ।

6. इकारान्त नपुंसकलिङ्गशब्दः- वारि

7. उकारान्त नपुंसकलिङ्गशब्दः-मधु

8. ईकारान्तस्त्रीलिङ्गशब्दः-नदी

9. किम् त्रिषु लिङ्गेषु

10. अस्मद् ,युष्मद्।

11. भवत् ,दण्डिन्

12. ऋकारान्त मातृ , पितृ

धातुरूपाणि-(लिखना एवं याद करना )

(लट्,लृट्,लोट् ,लङ् ,विधिलिङ्ग लकारेषु)

13. गम् ,लिख्, कृ सेव्,रूच् ,पच् ,नृत्,पा, अस्,गा ,रच् ।

14. गणना १०० पर्यन्तम्।

15. प्रतिदिनं पञ्च संस्कृतवाक्यानि विलिख्य कर्मवाच्ये च परिवर्तयत।

# Kendriya Vidyalaya (AFS) Uttarlai, Barmer

## Winter Holiday Homework 2019

### Class 11

SUBJECT CHEMISTRY

Q1. MAKING NOTES OF CHAPTER P BLOCK ELEMENTS.

Q2. NCERT TEXTBOOK QUESTIONS

11.3,11.7,10,13,20,21,22,30,31,33,34,35,36(P BLOCK CHAPTER)

### **WINTER BREAK HOLIDAY HOME WORK CLASS XI CS**

#### CYBER SAFETY

1. What are repeaters?
2. What is a bridge?
3. Differentiate between switch and hub.
4. What are Routers?
5. Compare coaxial and optical fiber cable.
6. Write two advantages and two disadvantages for STAR topology.
7. What is the difference between Message Switching technique and Packet Switching technique?
8. What is the significance of Cyber law?
9. What is the difference between STAR topology and BUS topology of network?
10. What was the role of ARPANET in Computer Network?
11. Differentiate between packet switching and message switching technique in network communication.
12. What out of following, will you use to have an audio-visual chat with an expert sitting in a faraway place to fix-up technical issue? (i) VoIP (ii)email (iii)FTP
13. Define the term Bandwidth. Give unit of Bandwidth.
14. What is the significance of ARPANET in the network?
15. Compare any two Switching techniques.

# **WINTER BREAK HOLIDAY HOME WORK CLASS XI IP**

## **SOCIETY, LAW AND ETHICS**

- Q1. What do you mean by ethics? What is it necessary?
- Q2. What is Spam?
- Q3. what is Hacking?
- Q4. What do you know about computer viruses?
- Q5. Do computers have an impact in our daily lives. Give examples to support your argument.
- Q6. What do you understand by 'Intellectual Property Rights'?
- Q7. Name the types of intellectual property rights.
- Q8. Complete the following abbreviation: NASSCOM, HOLMES, DPA.
- Q9. What should a user had do to protect the database from being changed or misused by other internet users.
- Q10. What do you know about software copyright law?
- Q11. List the measure taken by an individual to protect his/her rights to privacy.
- Q12. What is the difference between Junk and Junk e-mails?
- Q13. What is spoofing?
- Q14. What do you understand by Malicious code?
- Q15. Name the types of malicious code?
- Q16. What is worm?
- Q17. What is Trojan?
- Q18. What is viruses?
- Q19. What a short note on Cyber Crime.
- Q20. The illegal use of computer system is sometimes known as computer related crimes. (i) Give three distinct examples of computer related crimes. (ii) Give three steps can be computers related crimes are:

## **SUBJECT: MATHS**

### **HOLIDAY HOMEWORK CLASS 11 TH A, C MATHEMATICS**

**MISCELLANEOUS EXERCISES CHAPTER 9, 10, 11, 12 ALONG WIRTH MISCELLANEOUS EXAMPLES FROM NCERT TEXTBOOK.**

## **HOLIDAY HOMEWORK CLASS 11 B MATHEMATICS**

**MISCELLANEOUS EXERCISES OF CHAPTERS 9, 10, 11, 12, 13 ALONG WITH MISCELLANEOUS EXAMPLES FROM NCERT TEXTBOOK.**

### ***Class XI***

Q.1 Solve any one previous year sample papers from C.B.S.E site.

Q.2 Read all the chapters coming in the Second Unit syllabus i.e. taught till 05-10-2019 in Hornbill and Snapshot.

Q.3 Write **an article** on:

a) **Westernisation among the Youth in India.**

b) **Coaching Classes: A Boon or a Bane.**

Q.4. Write the **speech** to be delivered by you in the morning assembly on the following topic :

a Status of Women in Today's Society..

b. The Burden of Entrance Exams.

Q.3. Write a report on the two-day Diwali Mela held in your school playground in 150-200 words for your school magazine.

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## **11 B BIOLOGY**

**solve any 20, one mark questions from the completed chapters**

**solve any 20 , two mark questions from the completed chapters**

**solve any 10, three mark questions from the completed chapters**

**solve any 10, five mark questions from the completed chapters**

**Draw well labelled diagrams - any 10 diagrams of your choice from the completed chapters**

## Class XI Physics :2019-20

All the students are informed to derive the formula, derivations and various relations for the topics mentioned below per the instructions given to them in the class.

This holidays home work will be checked immediately after re opening of the school after the winter break is over.

### Topic

- 14.1. Periodic Motion
- 14.2. Oscillatory Motion
- 14.3. Oscillation or Vibration
- 14.4. Time Period and Frequency
- 14.5. Displacement
- 14.6. Periodic Functions
  - 14.6.1. Simple Harmonic Motion
- 14.7. Relation Between Simple Harmonic Motion and Uniform Circular Motion
- 14.8. Characteristics of S.H.M.
- 14.9. Phase Relationship between Displacement, Velocity and Acceleration of a Particle Executing S.H.M.
- 14.10. Graphical representation of the particle's displacement, velocity and acceleration
- 14.11. Expression for the Time Period and Frequency of a particle executing for S.H.M.
- 14.12. Restoring Force and Force Constant
- 14.13. Oscillation of a mass attached to a Horizontal Spring
- 14.14. Oscillations of mass attached with a Vertical Spring
- 14.15. Motion of a Body suspended by two springs connected in Parallel
- 14.16. Motion of a body suspended by two springs connected in Series
- 14.17. More Examples of S.H.M.
  - 14.17.1. Vertical oscillations of a pole floating in water
  - 14.17.2. Oscillation of liquid column in a U-tube
  - 14.17.3. Simple pendulum
- 14.18. Second's Pendulum
- 14.19. Time Period of Simple Pendulum of Infinite Length
- 14.20. Energy in Simple Harmonic Motion
  - 14.20.1. Variation of Kinetic Energy and Potential Energy
  - 14.20.2. Energy of a particle executing S.H.M. in terms of Force Constant ( $k$ )
  - 14.20.3. Average kinetic energy and average potential energy of a particle executing S.H.M.
- 14.21. Damped Simple Harmonic Motion
  - 14.21.1. Differential Equation of a Damped Simple Harmonic
- 14.22. Free Oscillations, Forced Oscillations and Resonance
- 14.23. Differential Equation of Forced Oscillator
- 14.24. Coupled Oscillations



## **CLASS XII**

### **CLASS XII(PHYSICS)**

1. COMPLETE SOLUTION OF FIRST PRE - BOARD QUESTION PAPER.
2. COMPLETE SOLUTION OF CBSE SAMPLE PAPER 2020.
3. SOLVE CBSE QUESTION PAPER 2019, 2018, 2017.

### **WINTER BREAK HOLIDAY HOME WORK CLASS XII CS/ IP**

#### **Solved Pre-Board paper for different region**

### **HOLIDAY HOMEWORK CLASS 12 TH A, C MATHEMATICS**

COMPLETION OF MATHEMATICS PRACTICAL FILE.

SOLVE CBSE SAMPLE PAPER ALONG WITH OPTIONAL QUESTIONS.

SOLVE PRE-BOARD-1 EXAMINATION PAPER ALONG WITH OPTIONAL QUESTIONS.

#### **12 B BIOLOGY**

solve any 20 questions of one mark.

solve any 20 questions of two marks .

solve any 15 questions of three marks .

solve any 10 questions of five marks

Draw well labelled diagrams - any 10 diagrams of your choice.

Solve any three sample question papers .

