# THE AIR FORCE SCHOOL

Dear Students

With summer vacation round the corner, let's prepare ourselves not just for relaxation but also to utilize the given time in creative and constructive ways. It is that time of the year again when we can do things which we are unable to do during the regular routine days.

- ➢ *Read some good books to enhance your language and communication skills.*
- ➢ *"A healthy mind lives in a healthy body". Indulge in some outdoor and indoor sport and to channelize energies constructively.*
- ➢ *Watch different informative channels like 'The National Geographic', 'Animal Planet' etc.*
- ➢ *Do all the daily chores yourself and appoint a specific time to do homework every day.*
- ➢ *Explore the culture and heritage of your city by visiting heritage sites like monumnents and peep into the rich history.*
- ➢ *The Home work should be done as per the instructions given below:*
  - ❖ *There are two assignments given as the Holiday Home Work (Assignment-1 and Assignment-2)*
  - ❖ *Assignment 1 will be evaluated as the 1st home work of July.*
  - ❖ *Assignment-2 is for practice and to be done seperately in the practice notebook.*
  - ❖ *For English, the students are also required to make a model or a chart as revisional assignment.*
  - ❖ *These assignments are for practice/ revision for PT-1 which will be examined by the teacher before PT-1.*
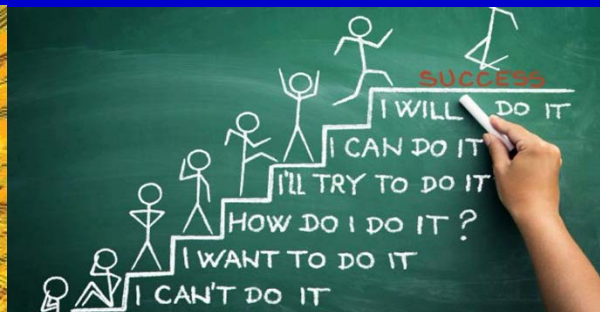
Have a fun-filled vacation!!!

Read the passage below and attempt the questions that follow:

1. Bubble wrap is a flexible transparent plastic material used for packing fragile items. It was invented by two engineers Al Fielding and Swiss inventor Marc Chavannes in Hawthorne, N.J. in 1957. However both of them were not trying to make a product to be used as packaging material. In fact they were trying to create textured wallpaper. They started out by sealing two shower curtains together in such a way that it would capture air bubbles which would make the textured appearance for their wallpaper. But this wallpaper idea didn't sell too well.

2. Not to be deterred, they then set about finding another use for their product. The alternate use they came up with was to use it as greenhouse insulation. While bubble wrap by itself does create somewhat of an insulating effect, this idea didn't become popular either.

3. It was three years after the initial creation of Bubble Wrap that Frederick W. Bowers, a marketer at Sealed Air, which makes Bubble Wrap, finally came up with the perfect use for their product. On October the 5, 1959, IBM announced their new 1401 variable word length computer. Bowers got the idea that Bubble Wrap could be used as a good packaging material to protect the computer while it was being shipped. He then pitched the idea to IBM and demonstrated Bubble Wrap's protective abilities. His demonstration went over well and IBM began purchasing Bubble Wrap to protect their 1401 and other fragile products they sold and shipped.

4. One of the downsides to Bubble Wrap has always been the space it takes up during shipping and storage, for customers who are just buying the Bubble Wrap. In order to get around this problem, one of the dreams of the original inventors was that they'd someday be able to create a Bubble Wrap that customers could self-inflate, as needed.

5. While originally being used primarily for packaging for electronics equipment, today the vast majority of Bubble Wrap made is used for food packaging. Because bubble wrap makes a satisfying popping sound when compressed and ruptured, it is often used as a source of amusement.

1.1 Fill in the blanks:

(a) Bubble wrap was, at first, thought by the two engineers to be useful to____.

(b) The engineers were trying to create textured wallpaper by _____.

(c) The alternate use of their product was_____.

(d) IBM purchased Bubble Wrap to _____.

(e) The flipside of bubble wrap is _____.

(f) The solution thought of was _____.

(g) The word which means the same as 'surfaced' is _____ (para 1).

(h) The word which means the same as 'exhibition' is _____ (para 3).

(i) The word which means the same as 'cracking' is _____ (para 5).

(j) The word which means the same as 'crushed' is _____ (para 5)

ASSIGNMENT – 2

1. Drinking water is becoming a rare commodity. Industrial development is filling our rivers, seas and oceans with toxic pollutants which are a major threat to human health. You as a student is deeply saddened to see water pollution as an appalling problem, which is powerful enough to lead the world on a path of destruction. Write a letter to the people of Delhi, to make them aware about the causes of water pollution and also suggest measures to prevent water pollution. (About 100 -120 words)

You may use the clues given below:

•   industrial waste

•   sewage and waste water

•   mining activities

•   accidental oil leakage

•   prevent river water to get polluted

•   treatment of wastes before discharge

•   public Awareness

2. Nowhere in the world is found such beauty, different and diversified climate, flora, fauna, religions, languages, dialects, dressing patterns, life style and rituals, like

India. The Indian tourism and hospitality industry has emerged as one of the key drivers of growth among the services sector in India. Write a letter to the Ministry of Tourism in about 100-120 words, offering suggestions for promoting the tourism industry.

You may use the clues given below:
- indirectly generates more employment and helps to raise our economy as foreign money will flow in
- development of infrastructure to meet the present and future needs of tourists
- starting overseas offices at different countries to promote India as a tourism destination
- try to provide best of the services in Air India and in Indian Rail
- start different packages for various destinations to attract more tourists

3. You are the Physical Education Instructor at St. Jesus and Mary School Agra. You had placed an order for sports goods with Student Sports Enterprises. When the items arrived you found that some of them were defective. Write a letter to the Manager, Student Sports Enterprises, asking him to replace the defective items.

4. Lala, the grocer was very greedy. He would mix stones in pulses and colored sand in spices and sell them to the poor villagers. The villagers complained to him but he turned a deaf ear as his was the only grocery store in the village…..
Complete the story using the given story line in not more than 200-250 words.

5. Complete this paragraph using the correct forms of the verbs

One quality that (a) _____students succeed in their studies is self-discipline. Self-discipline is particularly important in college. I (b) _____ a great deal about self-discipline by observing two of my friends. I (c) _____ that my roommate Emmy (d) _____ her time every night before she goes to bed. She writes down what she has to do the next day and how much time she (e) _____ doing each activity. First, she schedules her time for attending classes and working. She also sets time aside for socializing, running, studying and eating. By (f) _____ a time table and sticking to it, Emmy is always able to accomplish a lot more than I can. Another friend, Nancy, has disciplined herself by not doing anything unless she (g) _____ all of her homework and reading. One night last month, I (h) _____ her to go out for dinner, but she (i) _____ as she (j) hadn't finished her physics problem set. I wish I could be as disciplined as these two friends of mine are. I know now that self-discipline is

important if I want to be successful in college. Thus, next term, I will make an effort to discipline myself.

6. Find out the error in the following passage and write the correct word along with the incorrect word against the correct answer number.

I entered the manager's office and sat down.

I have just lost five hundred rupees and I felt very upset.	(a)_____
"I leave the money in my desk," I said	(b)_____

"And it is not there now." The manager was very sympathetic.

But he can do nothing. "Everyone loses money these days",	(c) _____
he said. He start to complain about this wicked world,	(d) _____
but is interrupted by a knock at the door.	(e)_____
A girl came in and puts an envelope on his desk.	(f)_____
It contains five hundred rupees. "I found this	(g) _____

outside this gentleman's room," she said.

"Well!" I say to the manager, "There is still some	(h) _____

honesty in this world!"

7. Read the information below for preparing strawberry pudding. Fill in the blanks to describe the procedure. Use the passive voice of the verbs.

• Mix strawberry jam with water in a pan and heat.
• Mix cornflour with water and add the jam sauce to it.
• Put chopped strawberries and a scoop of vanilla ice cream in a bowl
• Pour the jam sauce over it
• Serve with thin wafer biscuits.

Strawberry jam (a) _____ with water and heated in a pan. Then, corn flour (b) _____ with water and the jam sauce (c) _____ to it. Chopped strawberries and a scoop of vanilla (d) _____ in a bowl. The jam sauce (e) _____ over it. The dessert (f) _____ with thin wafer biscuits.

8. Rearrange the following words and phrases to make meaningful sentences.
(a) depicted/architecture of/has been/the Veena/about 500 A.D. /in temple
(b) no takers/sadly/instruments/but/of all/this mother/has/today
(c) to whom/there are/students/turn to/few/ can/exponents/the rare
(d) subject in /it is/a subsidiary/ not even/university curricula

9. Read the following extracts and answer the questions that follow.
(i) But to be a really big man, a clever and respected man, was something else.

(a)   Who is the speaker?

(b)   What does he mean by being a 'big man', 'clever and respected man'?

(c)   What light does this comment throw on the speaker?

(d)   Give the context of the above extract.

(ii)   Some say the world will end in fire

Some say in ice

(a)   These two lines form the prologue of the poem. What is the meaning of prologue??

(b)   Why do the people say so?

(c)   What is the speaker's reaction to what the people say?

(d)   What is the meaning of 'fire' and 'ice'?

10.   Answer the following questions in 30-40 words

(a)   How has the poet depicted nature in the poem 'Dust of Snow'?

(b)   Comment on Nelson Mandela's realization of the meaning of freedom as a boy, as a student and as an adult.

(c)   "The report," he murmured. "The report that is being brought to you tonight concerning some new missiles. I thought I would take it from you. It will be safer in my hands than in yours." Describe the speaker in the light of the above statement.

(d)   Why did Ausable not fit any description of a secret agent Fowler had ever read?

(d)   Hari Singh is both a thief and a human being. Explain.

(e)   How did the storm effect the pilot and what was his reaction?

11.   Answer the following questions in 120- 150 words.

(a)   Often parents have to be firm and strict with their children. Give reasons justifying in the light of the story 'His First Flight'

(b)   Simple moments prove to be significant and can save the rest of the day from being spoilt. Justify in the light of the poem 'Dust of Snow'

(c)   Write down a paragraph bringing out the importance of conquering fear in the light of the story 'His First Flight' (80- 100 words)

(d)   Only adverse circumstances bring out the true character in a man. Justify in the light of the story 'Nelson Mandela Long Walk to Freedom'

ग्रीष्मावकाश गृहकार्य
कक्षा – X (2019-20)

(To be submitted in the first week of July' 2019)

गृहकार्य पुस्तिका हेतु (For Home Work Copy)   कुल अंक : 20

1. दिए गए संकेत बिंदुओं के आधार पर 80–100 शब्दों में निम्नलिखित विषय पर अनुच्छेद लिखिए–   5
   आदर्श विद्यार्थी
   संकेत बिंदु – लक्षण – उद्देश्य – उत्तरदायित्व

2. कक्षा में कुछ छात्रों का व्यवहार आपके प्रति अच्छा नहीं है, इसकी जानकारी देते हुए प्राचार्य को एक पत्र लिखिए।   5

3. दो छात्रों के बीच ग्रीष्मावकाश की योजना के विषय में संवाद लिखिए।   5

5. निम्नलिखित वाक्यों को शुद्ध करके लिखिए–   5
   क) लड़का लोग घर चला गया।
   ख) सुभाष चंद्र बोस का देश ऋणी है।
   ग) आप वहाँ से सीधे घर चले आओ।
   घ) अपराधी को मृत्युदंड की सजा मिलनी चाहिए।
   ङ) मैं मेरा काम कर लूँगा।

ग्रीष्मावकाश गृहकार्य
कक्षा – X (2019-20)

अभ्यास पुस्तिका हेतु(For Practice Copy)

(To be submitted in the first week of July' 2019)

निम्नलिखित प्रश्नों के उत्तर कम से कम 100 शब्दों में लिखिए :

1. तताँरा वामीरो कथा के आधार पर प्रतिपादित कीजिए कि रूढ़ियाँ बंधन बनने लगें तो उन्हें टूट जाना चाहिए।

2. बड़े भाई साहब कहानी के आधार पर लगभग 100 शब्दों में लिखिए कि लेखक ने समूची शिक्षा प्रणाली के किन पहलुओं पर व्यंग्य किया है? आपके विचारों से इसका क्या समाधान हो सकता है? तर्कपूर्ण उत्तर लिखिए।

3. पर्वत प्रदेश में पावस कविता के आधार पर पर्वत के रूप स्वरूप का चित्रण कीजिए।

4. हरिहर काका कहानी के आधार पर बताइए कि एक महंत से समाज की क्या अपेक्षा होती है? उक्त कहानी में महंतों की भूमिका पर अपने शब्दों में टिप्पणी कीजिए।

5. संसार में सुखी व्यक्ति कौन है और दुखी कौन? सोना और जागना किसके प्रतीक हैं? कबीर के अनुसार स्पष्ट करें।

6. मीरा बाई ने अपने आराध्य से अपनी पीड़ा हरने की विनती किस प्रकार की है?

7. डायरी का पन्ना भावी पीढी को किस प्रकार प्रेरित करता है?

8. विरासत मे मिली चीजों की बड़ी सँभाल क्यों होती है? तोप कविता के आधार पर स्पष्ट करें।

Work Sheet For PT1

1. किन परिस्थितियों में शब्द पद बन जाते हैं? उदाहरण देकर स्पष्ट करें।
2. निम्नलिखित वाक्यों को शुद्ध करके लिखिए:
   क) मुझे एक दूध का गरम गिलास दीजिए।
   ख) सारे देश के नागरिक कर्तव्यनिष्ठ हैं।
   ग) रोगी मोहन को काटकर सेब खिलाओ।
   घ) इस मकान के गिरने की आशा है।
   ङ) मुहल्ले में अनेकों घर हैं।
   च) कृपया करके आप चले जाइए।
   छ) हम सुंदर चित्र बनाए थे।
   ज) मैंने मेरा ग्रहकार्य कर लिया है।
   झ) हमें आपका हस्ताक्षर चाहिए।
   ञ) मैं, तुम और रमेश पार्क में चलेंगे।
3. रिक्त स्थानों की पूर्ति उचित मुहावरे द्वारा कीजिए:
   क) जबतक मनुष्य पर जिम्मेदारी नहीं आती तब तक उसे .... पता नहीं चलता।
   ख) शिवाजी दुश्मनों को सबक सिखाने के लिए तुरंत .... तलवार खींच लेते थे।
   ग) गणित का गृहकार्य करना अनुपम को .... प्रतीत होता है।
   घ) अपने देश की बुराई सुनते ही मैं अपना .... ।
   ङ) किसी भी काम में .... से पहले सोच विचार कर लेना चाहिए।
4. निम्नलिखित मुहावरों से इस तरह वाक्य बनाइए कि उनका अर्थ स्पयट हो जाए:
   क) जमीन पर पाँव न रखना
   ख) आड़े हाथों लेना
   ग) आग बबूला होना
   घ) बे–सिर पैर की बातें
   ङ) जी जान से जुटना

5. निम्नलिखित प्रश्नों के उत्तर पाठ्य पुस्तक स्पर्श/संचयन के आधार पर लगभग 100 शब्दों में लिखिए:
   क) समाज में रिश्तों की क्या अहमियत है? हरिहर काका पाठ के आधार पर उत्तर दीजिए।
   ख) बड़े भाई साहब का चरित्र चित्रण कीजिए।
   ग) डायरी का पन्ना पाठ के माध्यम से लेखक ने क्या संदेश देना चाहा है?
   घ) कबीर ने हिरण का उदाहरण किस संदर्भ में किया है? स्पष्ट करें।
   ङ) सांसारिक सुखों को छोड़कर मीराबाई अपने आराध्य की चाकरी जीवन क्यों किस प्रकार बिताना चाहती हैं? कारण सहित उत्तर दीजिए।

6. अपने क्षेत्र में कानून और व्यवस्था की बिगड़ती हुई स्थिति पर दैनिक पत्र के संपादक को एक पत्र लिखिए।

7. निम्नलिखित विषय पर कम से कम 100 शब्दों में एक अनुच्छेद लिखिएः

राष्ट्र हमारा हमको प्यारा

संकेत बिंदु – भौगोलिक सुंदरता – पुरातन संस्कृति – शांतिदूत – विकास के पथ पर

8. निम्नलिखित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए –

जीवन में गुरु की कितनी आवश्यकता है, इसे कबीर ने बहुत ही सुंदर शब्दों में कहा है –

यह तन विष की बेलरी, गुरू अमृत की खान ।

सीस दिए जो गुरु मिले, तो भी सस्ता जान ।।

कहने का भाव यहाँ यह है कि अपना व अपनी सारी की सारी भावनाओं का बलिदान देकर भी अगर गुरू मिले, तो सस्ता ही समझना चाहिए क्योंकि बहुत मुश्किल है सद्गुरु का मिलना।पद्म पुराण के अनुसार एक बार शिव ने पार्वती जी से कहा, कलियुग में शिष्य का धन हरण करने वाले तो बहुत मिलेंगे, किंतु ऐसा गुरु मिलना दुर्लभ ही होगा जो उनके सभी कष्टों का हरण कर ले।

अब प्रश्न यह उठता है कि आज जब जीवन इतना संघर्षपूर्ण हो गया है कि किसी के पास समय नहीं है, तो कोई अपने लिए सद्गुरु की तलाश कब और कैसे करे? पर भगवान इतने दयालु हैं कि उन्होंने हमारे लिए इसकी भी व्यवस्था की है।छोटे से बालक ध्रुव दुखी होकर अकेले ही वन की ओर चले गए। लेकिन पहले तो कभी देखा नहीं था वन, उस निर्जन अपरिचित क्षेत्र में इधर उधर भटकने लगे और भगवान को पुकारने लगे। कहाँ पद्म–पलाश लोचन हरि? कहाँ पद्म–पलाश लोचन हरि?

वे वन के हिंसक प्राणियों को पुचकारते हुए पूछते कि क्या तुम मेरे हरि हो? क्या चीता, क्या भालू कोई उनको कुछ नहीं कहता था क्योंकि उन वन्य प्राणियों के भीतर बैठे भगवान उन्हें निरंतर प्रेरित कर रहे थे। आखिर ध्रुव की व्याकुलता देख भगवान पसीज ही उठे और उन्होंने अपने भक्त नारद जी को उस जगह भेजा।

भगवान तो अपने हर भक्त की पुकार सुनते हैं।ऐसा कोई कारण नहीं कि निर्जन राह में भटकने पर उन्हें निष्ठा से पुकारें और वे हमारे पास कोई पथप्रदर्शक, कोई गुरू नहीं भेजें। बस जरूरत है उन्हें सच्चे दिल से पुकारने की।

क) गुरू की आवश्यकता कबीर के जिन शब्दों से प्रकट होती है, उन्हे अपने शब्दों में लिखिए।

ख) वर्तमान युग के बारे में अनुच्छेद में क्या कहा गया है?

ग) वन के हिंसक जंतु बालक ध्रुव को नुकसान क्यों नहीं पहुँचा रहे थे?

घ) किन परिस्थितियों में भगवान हमारे पास गुरू को भेजते हैं?

ङ) उपर्युक्त गद्यांश के लिए एक उपयुक्त शीर्षक दीजिए।

SUBJECT – MATHEMATICS
ASSIGNMENT – 1

Do the following questions in the home work copy:

1. If $\frac{x}{a}cosA + \frac{y}{b}sinA = 1$ and $\frac{x}{a}sin - \frac{y}{b}cosA = 1, prove\ that\ \frac{x^2}{a^2} + \frac{y^2}{b^2} = 2$

2. Show that one and only one out of n ,n+2,n+4 is divisible by 3,wheren is any positive integer.

3. A person ,rowing at the rate of 5km/hr in still water ,takes thrice as much time in going 40 km upstream as in going 40 km downstream. Find the speed of the stream.

4. Prove the Basic Proportionality theorem.

5. If $\alpha\ and\ \beta$ are the zeros of the quadratic polynomial$3x^2$ -7x -6, find a polynomial whose zeros are $2\alpha + 3\beta\ and\ 3\alpha + 2\beta$

SUBJECT - MATHEMATICS
ASSIGNMENT - 2
Chapter: Real Numbers.

NOTE-This task is to be done in the Practice notebook.

Q1.   Find the HCF of the following by using Euclid's Division algorithm:

A) 3638 and 3587   **[ANS: 17.]**

B)   1032 and 408.   **[ANS: 24.]**

C) 92690,7378,7161   **[ANS:62.]**

D) 495,657   **[ANS:45.]**

2.   Show that the square of any positive integer is of the type 3m or 3m+1 for some positive integer m, using Euclid's Division Lemma.

3.   Show that any positive odd integer is of the form 4q+1 or 4q+3 where q is some integer.

5.   Show that any positive odd integer is of the form 6q+1 or 6q+3 or 6q+5, where q is some integer.

6.   Show that any positive odd integer is of the form 8q+1, 8q+3, 8q+5 or 8q+7 where q is some integer.

7.   Show that every positive even integer is of the form 2q and that every positive odd integer is of the form 2q+1, where q is some integer.

8.   Show that one and only one out of n,n+2,n+4 is divisible by 3, where n is any positive integer.

9.   Find the greatest integer which will divided 410,751 and 1030 so as to leave the remainder 7 in each case. **[ANS:31]**

10.   Two pieces of metal, each weighing 3318 and 3054 gm respectively are to be made into cuboids of the same size. What is the maximum possible weight of each cuboid?

11.   Find the HCF of the following numbers by Prime Factorization method:

a)   225 and 450.

b)   106, 159, 265.

c)   306, 657

12.   Find the LCM of the following numbers by finding the prime factors:

a)   45, 105, 165.

b)   24, 36, 60.

13.   If HCF (12, 15) =3, find LCM (12, 15).

14.   Find the LCM and HCF of the following pair of integers and verify that LCM X HCF =Product of the two numbers.

a)   336, 54.

b)   510, 92.

15.   3 cars start together to move around the circular path, 1760mtrs in circumference at the rate of 440metre/min, 352metre/min and 264metre/min. When will they again be together at the starting point?

16.   Two tanker 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.

17.   Check whether 4^n can end with the digit zero for any natural number n.

18.   Check whether 15^n can end with the digit zero for any natural number n.

19.   Can two numbers have 14 as their HCF and 204 as their LCM? Give reason.

20.   Explain why 13X17X19X23 + 19 is a composite number?

21.   Prove that √7 is an irrational number.

22.   Prove that 6+√2 is an irrational number.

23.   Prove that $\sqrt[3]{5}$ is an irrational number.

24.   If two positive a and b are written as $a=x^3y^2$ and $b=xy^3$ where x and y are prime numbers. Then HCF(a, b) =_____.

25.   The product of the HCF and the LCM of the smallest prime number and the smallest composite number is _____.

26.   Prove that one of every three consecutive positive integers is divisible by 3.

27.   Prove that the product of three consecutive positive integers is divisible by 6.

Assignment - 2

Pair of linear equations in two variables

NOTE-This task is to be done in the Practice notebook.

1 Solve the following pair of equations:

    i)   x+y =3.3

$$\frac{0.6}{3x-2y} = -1, \ 3x - 2y \neq 0$$

    ii) $4x + \frac{6}{y} = 15$; $6x - \frac{8}{y} = 14, y \neq 0$

    iii)   43x+67y=-24 ; 67x+43y =24

    iv) $\frac{2yx}{x+y} = \frac{3}{2}$ $;\frac{xy}{2x-y} = \frac{-3}{10}$

2   For what values of a and b the following pair of equations will have infinitely many solutions:

     X+2y=1 ; (a-b)x +(a+b)y = a+b-2

3   For what values of k the following pair of equations will have no solutions:

     (3k+1)x + 3y =2

     $(k^2+1)x +(k-2)y -5 =0$

4   Are the following pair of equations consistent?Justify your answer.

     X+3y =11

     2(2x+3y) =22

5   Solve the following pair of equations by the method of cross multiplication:

    i)   2x+3y=35 ; 3x+4y-65 =0

    ii)   2x+3y=9 ; x-y=2

iii)   6(ax+by) =3a + 2b ; 6(bx + ay) = 3b -2a

iv) $\frac{x}{a} - \frac{y}{b} = a - b$; ax +by = a³ +b³

6   Solve the following pair of equations by the method of elimination:

     i)   4x+5y =7 ; 3x+4y =5

     ii)   7(y+3)-2(x+2) =14 ; 4(y-2) +3(x-3) = 2

iii)$\frac{x}{3} + \frac{y}{4} = 11$; $\frac{5x}{6} - \frac{y}{3} = -7$

7   Solve the following equations by the method of substitution:

     i)   x+y=2; y-2 =2x

     ii)   3- (x-5) = y+2; 2(x+y) =4-3y

8   The sum of 2 digit number and the number obtained by reversing the digits is 99. If the digits of the number differ by 3 , find the numbers.

9   Points A and B are 110km away from each other on the highway. A car starts from A and another from B at the same time .If they go in the same direction they meet after 11 hours and if they go in opposite direction they meet in 1hour and 6 minutes.

10   The taxi charges in the city comprises of a fixed charge together with the charge for the distance covered.For a journey of 12 km, the charge paid is Rs 89 and for the journey of 20 km, the charge paid is Rs 145.What will a person have to pay for travelling a distance of 30 km?

11   A boat covers 32km upstream and 36km downstream in 7 hours. Also it covers 40 km upstream and 48 km downstream in 9 hours.Find the speed of the boat in still water and that of the stream.

12   The age of father is 3 years more than 3 times the age of the son.Three year hence the age of the father will be ten years more than twice the age of the son. Find their present ages.

13   Students of class are made to stand in rows.If one student is extra in each row, there will be two rows less.If one student is less in each row,there would be 3 rows more.Find the number of students in the class.

14   Solve graphically:

3x+y-12=0and x-3y+6-0.

Also shade the region bounded by these lines and x axis.Find ratio of areas of triangles formed by the given lines with x axis and y axis.

15   Find graphically the coordinates of the vertices of a triangle formed by lines represented by equations: y-x; y=4x ; x-3y=-6

16   Anil travels 600 km partly by train and partly by car to reach his home. He takes 8 hours if he travels 120 km by train and the rest by car. He takes 20 minutes longer if he travels 200 km by train and the rest by car. Find the speed of the train and the car.

17   Aman sold a table and chair together for Rs 850 at a loss of 10% on the table and a gain of 10% on the chair. By selling them together for Rs 950, he would have made a gain of 10% on the table and loss of 10% on the chair. Find the cost price of each table and chair.

18   In a triangle the sum of two angles is equal to the third .If the difference between them is 50, find the angles.

19   A two digit number is obtained by either multiplying the sum of the digits by 8 and adding 1 or by multiplying the difference of the digits by 13 and adding 2. Find the number.

20   Solve (a-b)x + (a+b)y =$2a^2$-$2b^2$

       (a+b) (x+y)=4ab.

21   (a-b)x +(a+b)y=a^2-2ab-b^2

       (a+b)(x+y)=a^2+b^2

Assignment – 2

POLYNOMIALS

NOTE-This task is to be done in the Practice notebook.

1. Find the zeroes of the polynomial $2x^2 +2x-12$ and verify the relationship between the zeroes and the coefficients.

2. Find the zeroes of the polynomial $4x^3+10x^2+6x$ and verify the relationship between the zeroes and the coefficients.

3. If 2 is the zero of the polynomial $x^3-3x^2+4x+2k$, then find the value of k.

4. Verify that 2,-2 and -3/2 are the zeros of the cubic polynomial $2x^3+3x^2-8x-12$, and then verify the relationship between the zeros and the coefficients.

5. If α, β are the zeros of the polynomial $x^2-7x+10$ then find the value of :

    a) $\frac{1}{\alpha} + \frac{1}{\beta}$.

    b) $\frac{1}{\alpha^2} + \frac{1}{\beta^2}$

    c) $\alpha^2 + \beta^2$

    d) $\alpha^3 + \beta^3$

6. If α, β are the zeros of the polynomial x^2-5x+6 then find the value of :

    $\frac{1}{\alpha} + \frac{1}{\beta} - 2\alpha\beta$.

7. If the zeros of the polynomial $6x^3+3x^2-5x+1$ are (a-b),a,(a+b), then find the value of a and b.

8. Find a quadratic polynomial whose zeros are -5 and 17

9. Find a quadratic polynomial whose sum and product of zeros is -5 and 17 respectively.

10. Find a cubic polynomial whose zeros are -3,-1 and 2.

11. Find a cubic polynomial with the sum, sum of the product of its zeros taken two at a time and the product of zeros as 1,-4,-8 respectively.

12. If the zeros of the polynomial x^2+px+q are double of the zeros of $2x^2-5x-3$, respectively. Find the values of p and q.

13. Divide x^4+1 by x-1.

14. Divide the polynomial p(x) by g(x) and find the quotient and the remainder.

    $P(X)= x^3-3x^2+5x-3$; $g(x)=x^2-2$

15. Find all the zeros of the polynomial $x^4-6x^3-26x^2-138x-35$ if two of its zeros are 2+√3,2-√3

16. Divide $-6x^2+x^3+11x-6$ by $-8x+27+x^2$ and verify the division algorithm.

17. When x^3+2x^2+4x+b is divided by x+1, the quotient is x^2+ax+3 and the remainder is -3+2b. What are the values of a and b respectively?

TRIGONOMETRY

ASSIGNMENT – 2

1. Evaluate $\dfrac{1}{sin^2\theta} - \dfrac{1}{tan^2\theta}$

2. If sinθ=1/3,then find the value of (2cot^2 θ+ 2)

3. If 3x = cosec θ and 3/x =cotθ,find the value of $3\left(x^2 - \dfrac{1}{x^2}\right)$

4. If sinθ=cosθ,find the value of tanθ + cotθ

5. Find the value of tan60° geometrically.

6. If √3sinθ-cosθ=0,0°<θ<90°,find the value of θ.

7. Find the value of θ,if tan3θ=sin45°.cos45 +sin30°.

8. Evaluate : $\dfrac{2Sin68°}{Cos22°}$ - $\dfrac{2Cot15°}{5Tan75°}$ $\dfrac{3tan45°tan20°tan40°tan50°tan70°}{5}$

9. If x=3sec^{2}θ-1, y=tan^{2}θ-2, then find the value of x-3y.

10. Express cosecθ in terms of tanθ.
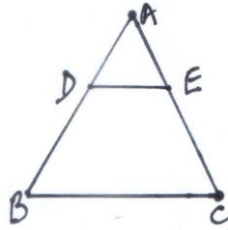
ASSIGNMENT – 2

Triangles

1. If AB║CD, OA=3x-19,OB=x-4,OC=x-3 and OD = 4 in the following figure,find the value of x
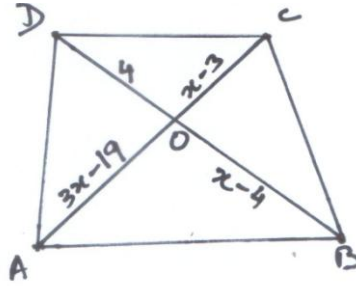
2. In the figure ∠D = ∠E and $\frac{AD}{DB} = \frac{AE}{EC}$ .Prove that BAC is an isosceles triangle

3. L and M are respectively the points on the sides DE and DF of a ΔDEF such that DL = 4, LM=4/3, DM= 6 and DF =8.Is LM ║EF ?Give reasons.

4. A and B are respectively the points on the sides PQ and PR of a ΔPQR such that PQ = 12.5, PA=5, BR= 6 and PB =4. Is AB║QR? Give reasons.

5. In the figure , DE║BC. If AD=x, DB= x-2,AE= x+2 and EC= x-1,find the value of x.
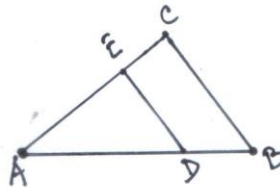
6. Give two examples each of similar and non similar figures.

7. If LM ║CB and LN║CD prove that AM/AB=AN/AD
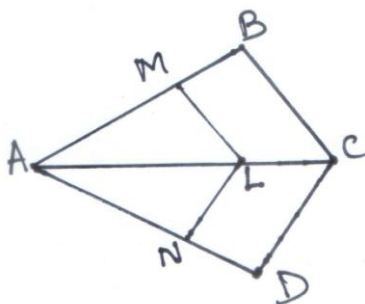
SUBJECT – PHYSICS

ASSIGNMENT-1

LIGHT-REFLECTION AND REFRACTION

1. Name the mirror from which the image obtained is always virtual and small.

2. The radius of curvature of a concave mirror is 45cm. Find its focal length.

3. If the size of image obtained by spherical mirror is twice the size of an object, identify the kind of mirror.

4. For which position of an object, a concave mirror gives same size inverted image?

5. Name the mirror which has a wider field of view.

6. What is the focal length of a plane mirror?

7. What are the values of the angle of incidence and the angle of reflection for an incident ray of light normal to the surface?

8. Name the type of mirror used:-

   (i) as a reflector in search light (iii) by the dentist

   (ii) as side view mirror in vehicles. (iv) as a shaving mirror

   Give reason for each of the above

9. Wherever you may stand in front of mirror, your image is always erect & same sized, what type of mirror is it?

10. A ray of light strikes the mirror at an angle of 60^0.. What is the angle of reflection?

11. Which mirror is used in headlights of cars. At what position is bulb placed in it and why? Explain.

    i)What is refractive index of a medium . Give it's S.I. Unit.

    ii)Find refractive index of water with respect to glass.

12. Which lens would you prefer to use while reading small letters found in a dictionary. Why?

13. Define power of lens. A doctor has prescribed a corrective lens of power - 2D. Is the prescribed lens diverging or converging?

14. Define lateral displacement &State factors on which it depends.

15. Ankit claims to have obtained an image thrice the size of object with a concave lens. Is he correct? Give reason for your answer.

ASSIGNMENT-2a

1. Give the function of following parts of human eye-

    i) Iris ii)retina iii) ciliary muscles iv)eye lens

2. What do you mean by power of accommodation of human eye?

3. What is presbyopia?ii)Give the cause of presbyopia? How can it be corrected?

4. Name two type of light sensitive cells that are present on the human retina and give the function of each?

5.. Define near point and far point of a normal human eye.? Write their value for a normal human eye.

6. What is persistence of vision?

7. What is cataract and how can it be corrected?

    Define angle of deviation. On what factors does it depend?

8. A person suffering from an eye defect uses lenses of power -1D to correct the defect. Name the defect is suffering from and the nature of lens to be used to correct it.

9. A person is able to see objects clearly only when these are lying at distances between 60 cm and 300 cm from his eye. Identify the kind of defect of vision he is suffering from. Give reason for your answer.

10. What is meant by dispersion of light? State the cause of dispersion..

11. Which colour of light bends least and which one the most while passing out from the prism? State the reason for the same.

12. How does the focal length of the eye lens change when we shift looking from a nearby object to a distant object?

13. Sometimes when we enter into a dark room from bright sunlight we are unable to see object. Why? Explain.

14. What is the value of power of accommodation of a normal eye?

15. What is meant by linear magnification produced by a spherical mirror? Write the formula in terms of the image distance and the object distance.

16. What is the range of vision for a normal human eye?

17. What is the nature of mirror having focal length +30cm.

ASSIGNMENT-2b

1) A child while playing with his father's spectacles, burnt a hole in a piece of paper by focusing a small image of the sun on it.
   (i) What defect of vision his father is suffering from?
   (ii) Write two causes for this defect
   (iii) Draw a ray diagram to show image formation by the defective eye?
   (iv) Draw a ray diagram showing corrected eye using proper lens.

2) How can we combine the components of white light after a prism has separated them? Explain with diagram.

3) The near point of a hypermetropic person is 50cm.What is the power of the lens required to enable the person to read clearly a book kept at a distance of 25cm from the eye?

4) Name the type of mirror used in the head lights of buses and cars . .At what position is the bulb placed in them ? Why?

5) Draw a labelled diagram to show the formation of image by a convex lens of focal length 10cm when an object is placed:–
   (i) at 20cm (ii) 10cm (iii) 5cm in front of it
   State the nature of image formed in each case

6) Draw a labelled diagram for path of ray of light through
   i) Rectangular Glass slab ii) triangular glass prism

7) Draw a diagram to show the path of the reflected ray of light when it is incident at the centre of curvature of the spherical mirror?
   An object is placed at a distance of 20 cm from a concave mirror of focal length 10cm. Find the position and nature of the image. Draw a diagram for the above.

8) Explain the formation of rainbow in the sky with the help of a diagram. List the three phenomena involved in proper sequence.

9) A person needs a lens of power -6D for correcting his distant vision. For correcting his near vision, he needs a lens of power +2D.Find the focal length of the lens and its nature required for both cases

10). A 14 year old student is not able to see clearly the questions written on the black board placed at a distance of 5 m from him.
   i) Name the defect of vision he is suffering from.
   ii) Give the causes for this defect

iii) Name the type of lens used to correct this defect.

iv) With the help of a labelled ray diagram show how this defect can be corrected.

11) Draw a diagram, to show the dispersion of white light by a glass prism.

12) The refractive index of diamond is 2.42. Calculate the speed of light in diamond.

13) A concave lens of focal length 25cm and a convex lens of focal length 20cm are placed in contact with each other. What is the power of the combination? Also, calculate the focal length of the combination

14) A 2 cm high object is placed at a distance of 32 cm from a concave mirror. The image is real inverted and 3 cm in size. Find the focal length of the mirror and the position where the image is formed

.

SUBJECT – CHEMISTRY
ASSIGNMENT – 1

1. How will you test for a gas which is liberated when HCl reacts with an active metal?

2. When fresh milk is changed into curd will its pH value increase or decrease? Why?

3. Name the gas evolved when dilute HCL reacts with Sodium hydrogen carbonate. How is it recognized?

4. Identify the type of reaction in the following:

    $Fe + CuSO_4(aq) = FeSO_4(aq) + Cu(s)$

    $2H_2 + O_2 = 2H_2O$

5. Two solutions of A and B have pH values of 5 and 8. Which solution will be basic in nature?

6. Why does tooth decay start when pH of mouth is lower than 5.5?

7. A solution has pH value 5.4 does it contain any OH^- ions? Explain.

ASSIGNMENT – 1

1. What is a redox reaction?

2. What is corrosion? Explain its advantage and disadvantage.

3. What is rancidity? How can we reduce the problem of rancidity?

4. How is corrosion different from rusting?

5. What is meant by endothermic and exothermic reactions? Give suitable example for each.

6. Define different types of chemical reaction and give examples for each.

7. Why is photosynthesis considered as an endothermic reaction?

8. In electrolysis of water, why is the volume of gas collected over one electrode double that of the other electrode?

9. What happens when water is added to solid calcium oxide taken in a container? Write a chemical formula for the same.

10. Give one use of quick lime.

11. Give three types of decomposition reaction.

12. Name the compound used for testing CO_2 gas.

ASSIGNMENT – 2

1. Explain the process of corrosion and rusting. (2 marks)
2. How is exothermic reaction different from an endothermic reaction? (3 marks)
3. Explain four different types of chemical reaction with suitable examples. (8 marks)
4. Why are oil and fat containing food items flushed with nitrogen? (3 marks)
5. What is the difference between displacement and double displacement reaction? Give suitable chemical equations for the same. (3 marks)
6. Give two uses of quick lime. (2 marks)
7. What is electrolytic decomposition? (2 marks)
8. Identify the following type of reactions:-
   - $Na_2SO_4 + BaCl_2 = BaSO_4 + 2NaCl$
   - $CaCO_3 = CaO + CO_2$
   - $Fe + CuSO_4 = FeSO_4 + Cu$ (3 marks)

ASSIGNMENT – 2

1. What is an oxidation reaction? Is it exothermic or endothermic? Give one example of oxidation Reaction.
2. Give an example of photochemical reaction.
3. Give an example of a decomposition reaction. Describe any activity to illustrate such a reaction by heating.
4. Why is respiration considered as exothermic process?
5. Balance the following chemical equation.

   $Fe(s) + H_2O(g) = Fe_3O_4 + H_2(g)$

   $MnO_2 + HCl = MnCl_2 + Cl_2 + H_2O$

   $HNO_3 + Ca(OH)_2 = Ca(NO_3)_2 + H_2O$

6. On what basis is a chemical equation balanced?

7. State any two observations in an activity suggesting the occurrence of a chemical reaction.

8. Name a reducing agent which may be used to obtain manganese from manganese dioxide.

9. What change in colour is observed when silver chloride is left exposed to sunlight? Also mention the type of chemical reaction.

10. Define a combination reaction. Give one example of an exothermic combination reaction.

11. What is observed when a solution of potassium iodide is added to lead nitrate solution? What type of reaction is this? Write a balanced chemical equation for this reaction.

12. Distinguish between an exothermic and an endothermic reaction.

13. Distinguish between a displacement and a double displacement reaction.

14. Identify the type of reaction in the following:

   $Fe + CuSO_4(aq) = FeSO_4(aq) + Cu(s)$

   $2H_2 + O_2 = 2H_2O$
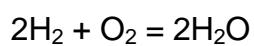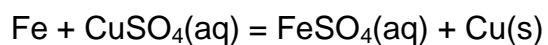
SUBJECT - BIOLOGY

ASSIGNMENT – 1

Q1.   Name –

    a)   Mode of nutrition in plasmodium.

    b)   Organ in human alimentary canal which stores bile.

    c)   Major veins which pour deoxygenated blood into right atrium of heart.

    d)   Molecule in the cell which stores the energy produced during aerobic respiration.

    e)   A circulatory fluid other than blood.

    f)   Procedure in an artificial kidney.

Q2.   If you chew a piece of bread for a long time it tastes sweet. Why?

Q3.   In an aquarium why do the fish open and close their mouths at regular intervals.

Q4.   When a sportsman runs, he gets muscle cramps. Why?

Q5.   Draw neat labeled diagrams of: -

    a)   Structure of human nephron

    b)   Sectional view of human heart.

ASSIGNMENT – 2

Q1.   Give reasons why –

    a)   Herbivores have longer small intestine as compared to carnivores.

    b)   Mucus is secreted along with Hcl in the stomach.

    c)   Rings of cartilage are present in trachea.

    d)   Lungs always contain a residual volume of air.

    e)   Aquatic animals have a higher breathing rate.

    f)   Muscular walls of ventricles are theater than the walls of atria.

Q2.   Differentiate between:-

    a)   Aerobic respiration and Anaerobic respiration.

    b)   Autotrophic and Heterotrophic nutrition.

    c)   Arteries and veins

    d)   RBC and WBC

Q3.   Bile Juice" does not contain any enzyme but is essential for digestion. Justify the statement.

Q4. In a tabular form name the various digestive glands associated with the human digestive system. Also name the secretion of these glands along with their function.

S. No.	Name of Gland	Name of secretion	Function of secretion

Q5. Transpiration is a necessary evil" Justify the statement highlighting the harmful and useful aspects of this process.

Q6. How are alveoli designed in humans to maximize the exchange of gases?

Q7. Explain the process of nutrition in Amocba supplement it with a well labeled diagrams.

Q8. a) Draw a well labelled diagram to show open stomatal pore. State two functions of stomata.

b) How do stomata open & close.

Q9. What is double circulation? Explain it with reference to Human heart.

Q10. What are the differences between the transport of materials in xylem and phloem?

Q11. What are the methods used by plants to get rid of wastes.

Q12. a) Draw neat labelled diagram of human excretory system.

b) Name the main nitrogenous wastes in human blood.

SUBJECT - HISTORY

Assignment – 1

Ch – 1 Nationalism in Europe

1. What do you understand by the term 'allegory'? (1)
2. 'The 1830's were years of great economic hardship in Europe'. Explain how? (3)
3. "Culture had played an important role in the development of Nationalism in Europe during 18th and 19th centuries". Support the statement with examples.(3)
4. How Europe was closely allied to the ideology of liberalism? (3)
5. What conditions of Balkan areas led to World War 1? (5)
6. Briefly explain the process of unification of Italy. (5)

Assignment – 2

Ch – 1 Power sharing
Ch – 2 Federalism

1. When was Sinhala recognized as the official language of Sri Lanka? (1)
2. What is the major difference between unitary and federal systems? (1)
3. Explain the main differences between the Belgium and Sri Lanka. (3)
4. Highlight 3 major distinctions between the federations of "coming together and holding together" federations with their examples. (3)
5. Explain any 5 major features of federalism. (5)
6. Explain the 4 main forms of power sharing with their examples. (5)

SUBJECT - GEOGRAPHY
ASSIGNMENT –1
CH.2 : FOREST AND WILDLIFE

1. What do you mean by biodiversity? (1)
2. What are the reasons for loss of forest areas in different regions of India? (3)
3. What is the difference between endangered and vulnerable species? (3)
4. Explain the key features of wildlife protection act 1972. (5)
5. How the local people of the particular areas have contributed in conserving the forests in India? Explain with examples . (5)
6. Give a brief explanation of the types of Forests and wildlife resources in India. (5)

ASSIGNMENT – 2

1. Why the multipurpose project have faced restrictions in some areas in India ? (5)
2. Explain how the water is distributed all over the world ? (3)
3. What are the reasons of water scarcity in India ? (3)
4. Nehru ji has proclaimed dams as "the temples of modern India". Explain the reason ? (5)
5. What are the traditional methods of water harvesting in India ? (5)
6. Define rain water harvesting. Write the modern methods of water harvesting in the country. (5)
7. Locate on the map of India the following : (3)
   a). salal project
   b). sardar sarovar dam
   c). nagarjuna sagar project

SESSION	:	2019-2020
PROJECT WORK	:	SUMMER BREAK HOLIDAY HOMEWORK
CLASS	:	X
SUBJECT	:	Indian music vocal
ACTIVITY	:	Individual activity

Topic	Indian music
Content Coverage	Style of singing 1.khayal 2.Dhrupad 3.Thumri ...
Learning Objectives Procedure	Children will understand the style of Indian classical singing. • Use A4 size pastel sheet. • Paste the picture any two singers from the above singing style. • Illustrate a brief about the above style of Indian classical / semi classical style and their contribution in the Indian classical singing.
Criteria / Rubrics for assessment	Presentation/creativity – 3 marks , Content – 4 marks , punctuality / relevance – 3 marks
Values imparted through the Activities	Students will know the history, style, and forms of indian classical music
Follow up	Constructive follow up will be done after the assessment.. if needed individually in the class or in general.

SESSION	:	2019-2020
PROJECT WORK	:	SUMMER BREAK HOLIDAY HOMEWORK
CLASS	:	X
SUBJECT	:	Western music vocal
ACTIVITY	:	Individual activity

Topic	Western music
Content Coverage	Ludwing van Beethoven and his music (fur Elise)
Learning Objectives	Students will know the differences of musical genra and importance of music. And can improves their interests towards musical knowledge..
Procedure	1. Take A4 size pastel sheets. 2. Write the biography of Beethoven. 3. Write about his composed music for Elise. When and how did he composed? 4. Students can attach the picture of the instruments, singers or Band members.
Criteria / Rubrics for assessment	Presentation – 3 marks , Content – 4 marks , Relevance – 3 marks
Values imparted through the Activities	Students will be able to understand the value of music and can improve their intrest and singing skills.
Follow up	Constructive follow up will be done after the assessment.. if needed individually in the class or in general.

SESSION	:	2019-2020
PROJECT WORK	:	SUMMER BREAK HOLIDAY HOMEWORK
CLASS	:	X
SUBJECT	:	classical dance
ACTIVITY	:	Individual activity
DATE OF SUBMISSION	:	FIRST WEEK OF JULY

Topic	Fusion of traditional & modern dance
Content Coverage	Find a dance & write something about it
Nature of task	Project work
Learning Objectives	Students will be able to know the fusion choreography
Procedure	Study about traditional dance and modern dance. Write a brief about the fusion of the traditional & modern dance. Paste some pictures.
Criteria / Rubrics for assessment	Presentation – 5marks , Content – 5 marks
Values imparted through the Activities	Students will understand different dance style to create a new aesthetic.
Follow up	Constructive follow up will be done after the assessment.. if needed individually in the class or in general.

SESSION	:	**2019-2020**
PROJECT WORK	:	**SUMMER BREAK HOLIDAY HOMEWORK**
CLASS	:	**X**
SUBJECT	:	**instrumental**
ACTIVITY	:	**Individual activity**

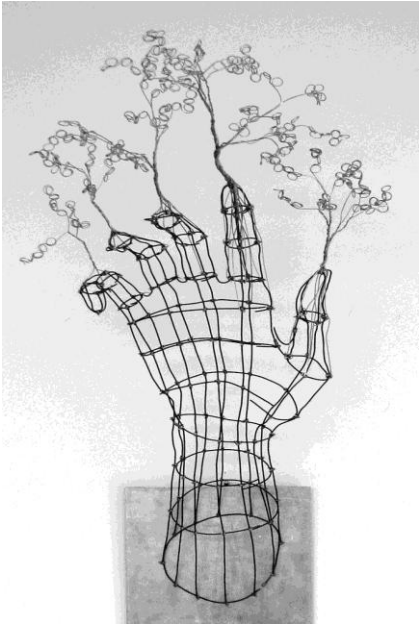|	
Topic	Instrumental music
Content Coverage	Leather instrument
	e.g kongo, tabla, drum, dhol, mriddangum etc
Learning Objectives	Children will able to understand the differences of different instruments
Procedure	1) Use A 4 size pastel sheet.
	2). Paste the picture of any two leather instruments you have chosen.
	3) Write a brief about the leather instruments (orgin, material used, musician who used it)
Criteria / Rubrics for assessment	Creativity – 3 marks,
	Content – 4 marks,
	Relevance – 3 marks
Values imparted through the Activities	Students will be able to understand the value of music cause music works as a refresment of mind.
Follow up	Constructive follow up will be done after the assessment. if needed individually in the class or in general.

SESSION	:	2019-2020
PROJECT WORK	:	SUMMER BREAK HOLIDAY HOMEWORK
CLASS	:	X
SUBJECT	:	PAINTING
ACTIVITY	:	Wall Art Designing
DATE OF SUBMISSION	:	5th July2019

Topic Themes	"Cultural Chauraha" • Traditional art of India • Vivid objects collage • Typography • Songs of the world
Nature of task	Pulling out the traditional yet modern approach of our students in the form of painting
Learning Objectives	Getting to learn about the different art cultures and their aesthetic attributes.
Procedure	Paint any one theme from the following on an **A2 size MDF board** of thickness (not less than 2 mm).
Criteria / Rubrics for assessment	Creativity and Presentation (5) Relevance to the theme (3) Materials/Media used (2)
Values imparted through the Activities	Students to gage the best knowledge about the roots they come from in context of their culture.
Follow up	Making students regularly trained in Art.

SESSION	:	2019-2020
PROJECT WORK	:	SUMMER BREAK HOLIDAY HOMEWORK
CLASS	:	X
SUBJECT	:	SCULPTURE
ACTIVITY	:	WIRE SCULPTURE
DATE OF SUBMISSION	:	5th July2019

Topic	"Getting innovative with Wire"
Themes	• Music & Dance • Art & Culture • Animals and Birds • Daily Life Objects(machines, utensils, decorative arts etc.)
Nature of task	Children will get to come up with their creative minds and execute their craft.
Learning Objectives	Getting to learn about the different art cultures and their aesthetic attributes.
Procedure	Create a wire sculpture of minimum 10 inches in **a 2D wall design or a 3D structure**. The base mainly to have wire along with suitable materials like spoons, sticks , cardboard , foil , plastics etc.
Criteria / Rubrics for assessment	Creativity and Presentation (5) Relevance to the theme (3) Materials/Media used (2)
Values imparted through the Activities	Use of Medium, exploring the medium and utilizing it to the fullest.
Follow up	Making students regularly trained in Art.

SESSION	:	2019-20
CLASS	:	X
SUBJECT	:	Band
ACTIVITY	:	Individual

Topic	Importance of band In national and political events.
Learning Objectives	Children will explore how in different occasions and political structure influence music of that particular area.
Duration	summer vacation holiday homework
Execution of task / Procedure	- Use A4 size sheet - Write briefly types of instruments played in a political event (like parade, independence day etc) - Briefly write the difference between the instruments played by the three armed forces at different political leaders.
Criteria / Rubrics for assessment	Content (originality) **4 marks** Presentation **3 marks** Creativity **3 marks**
Values	Children will understand the importance of political structure in a country.
Follow up	Teacher will help the child for further information.