

# Kendriya vidyalaya Paschim Vihar New Delhi

## CLASS IX (English)

1. Write 10 good thoughts on the first page of your notebook.

2. Fill in the blanks choosing the most appropriate options from the one given below:

I. They ordered the poor man about, a) \_\_\_\_\_ him on errands, made him wash b) \_\_\_\_\_ cow and lectured ton him c) \_\_\_\_\_ how to grow a garden.

a) i) send ii) sent iii) sending iv) sender

b) i) a ii) an iii) some iv) the

c) i) over ii) from iii) on iv) in

II. He screamed so loudly the pigeons pecking a) \_\_\_\_\_ the scattered grains in b) \_\_\_\_\_ courtyard c) \_\_\_\_\_ off in furry.

a) i) on ii) at iii) over iv) in

b) i) the ii) a iii) an iv) some

c) i) take ii) takes iii) took iv) taking

III. There is a general belief a) \_\_\_\_\_ students that b) \_\_\_\_\_ who write long sentences get c) \_\_\_\_\_ marks. It is a myth that d) \_\_\_\_\_ be exploded.

a) i) in ii) of iii) among iv) between

b) i) they ii) those iii) all iv) them

c) i) more ii) many iii) most iv) much

d) i) will ii) should iii) must iv) can

3. Rearrange the following group of words or phrases to form meaningful sentences:

I. a) work and play/ things/ different/ parents see/ as two

b) is a / of time/ they/ waste /think/that playing

c) important/ games/ studies/ are as/as

d) a student/to both/proper/should/ attention/pay

e) can/ life/ only/ succeed/ he/ in /then

II. a) algebra and/ a week/ me / geometry/ twice/ he taught

b) very poor/ subjects / I was/ In these / earlier

c) very/ now/ proficient/ have become/ in them / I

III. a) can be/ two/ blamed/ persons/ the murder/ for

b) to the/ there are / culprit/ many clues/ real/ pointing

c) the/ find/ murderer / who/ real/ out is

d) murderer/ be must/ given/ exemplary/ an/ punishment/ every

4. Read the given extract and answer the questions that follow:

***I shall be telling this with a sigh***

***Somewhere ages and ages hence:***

***Two roads diverged in a wood, and I-***

***I took the one less travelled by,***

***And that has made all the difference***

a) Does the poet seem happy with his choice?

b) What will the poet be telling with a sigh?

c) What has made all the difference in his life?

5. Make a beautiful bookmark for your English notebooks. Decorate it and write a famous quotation of some poet or author.

6. Make a collage on following special abled achievers of the world. Name them, mention their field of work, achievements and life span:

-Stephen Hawking

-Hellen Keller

-Sudha Chandran

-Beethoven

-John Nash

7. Learn all the chapters done so far.

8. Write articles on the following topics:

***- Environmental degradation***

***- Pros and Cons of Social Networking sites***

7. Make a collage of following instrumentalists of India:

- Ustad Bismillah Khan

-Pt. Hari Prasad Chaurasia

-L. Subramaniam

-Amjad Ali Khan

-Ustad Zakir Hussain

-Pt. Ravi Shankar

-Pt. Shiv Kumar Sharma

-Ms. Subbulakshmi

## कक्षा-नवीं (हिंदी)

जितना पाठ्यक्रम अभी तक कक्षा में करवाया गया है, उसका अभ्यास कीजिए।  
निम्नलिखित विषयों पर लगभग 200 से 250 शब्दों में निबंध लिखिए –

(क) 'पराधीन सपनेहुँ सुख नहीं।'।

(ख) साहित्य समाज का दर्पण है।

आपके क्षेत्र के पार्क को कूड़ेदान बना दिया गया था। अब पुलिस की पहल और मदद से पुनः बच्चों के लिए खेल का मैदान बन गया है। अतः आप पुलिस आयुक्त को धन्यवाद पत्र लिखिए।

नए विद्यालय में बने अपने मित्र के विषय में बताते हुए माता जी को पत्र लिखिए।  
अपने प्रिय साहित्यकार पर विस्तृत जानकारी देते हुए प्रायोजना कार्य कीजिए।

### Holiday Home work (Summer Vacation) – S.St.

1. Make a project on the topic "important religious places of Jammu and Kashmir and Japan.

#### **The following steps to be taken for writing the report of project work**

1. Data – collection or Survey
2. Analysis of Data – Qualitative and Quantitative
3. Reporting (writing)
4. Conclusions/predictions
5. Acknowledgement
6. Bibliography – mention all references.
7. A certificate in the beginning claiming that the work is original – signed by students, Teacher guide and principal

#### **Project work should include the following:**

Project should be a group work of 2 to 5 students. The compilation of report should be specifically 20 to 25 pages. Project should include photographs, illustration, drawing, graphs etc. The main content of Project should be primary data.

2. Read and write 10 one mark questions from each lesson of text book as-

History-Russian Revolution

Economics- People as resources

Geography-Physical feature of India

Democratic politics-Constitutional Design

3. Do map work in map book from history and geography; any five.

4. Read newspapers and magazines and collect the information about Lok Sabha election result 2019 as total number of seats of winning party, opposition party number of seats, your MP name, cabinet ministers etc.
5. Learn the lessons which we have done for the periodic test, which will be held in July month.

History-French revolution, Russian Revolution

Geography-India size and location, Physical features of India

Democratic politics- What and why democracy, Constitutional Design

Economics- The story of Village Palampur

## **[CLASS : IX] [SUBJECT : MATHEMATICS]**

(1) Perform following activities in “**Laboratory Manual in MATHEMATICS**”

S.NO.	ACTIVITY
1	To construct square root spiral by paper folding.
2	To interpret geometrically the factors of a quadratic expression of the type $x^2 + bx + c$ using square grid strips and paper strips.
3	To verify that (i) sum of any two sides of a triangle is always greater than the third side. (ii) difference of any two sides of a triangle is always less than the third side.
4	To show that the quadrilateral formed by joining the mid points of the sides of a quadrilateral is a parallelogram.
5	To verify that the straight line joining mid points of any two sides of a triangle is parallel to the third side and is equal to half of it.
6	To verify that the angle subtended by an arc at the Centre of the circle is double the angle it subtends at any point on the same segment of the circle.
7	To show that the sum of either pair of opposite angles of a cyclic quadrilateral is $180^\circ$ .

(2) Solve all examples of chapters : Number system & Polynomials from NCERT book.

(3) Complete the all assignments based on following chapters through “KHAN ACADEMY’ using website [www.khanacademy.org](http://www.khanacademy.org) before due dates (given in assignment). Login using your username & Password provided by the subject teacher only. You may use KHAN ACADEMY app available on play store for mobiles.

(a) CHAPTER : NUMBER SYSTEM

(b) CHAPTER : POLYNOMIALS

## **SUBJECT –SCIENCE (IX)**

**Lab manual work (write the following experiments in lab manual)**

1. Preparation of stained temporary mount of (a) Onion peel (b) cheek cells and to record observations and draw their label diagrams.
2. Identification of parenchyma, collenchyma and sclerenchyma tissues in plant. Smooth and cardiac muscle fibers and nerve cell in animals from prepared slides .drawing of their labeled diagrams.

### **Questioner**

1. Tabulate the differences between solid, liquid and gas states of matter.
2. How does the water kept in an earthen pot become cool during summer?
3. Why are we able to sip hot tea or milk faster from a saucer rather than from a cup?
4. What type of clothes should we wear in summers? Give reason also.
5. What are the characteristics of particles of matter?
6. Make a comparison and write down ways in which plant cells are different from animal cells.
7. How a prokaryotic cell is different from an eukaryotic cell.

### **PROJECT/ASSINNGMENT**

1. Make a chart/model of plant cell.
2. Draw a well labeled diagram of an animal cell.

### **REVISION WORK**

Revise the lesson no. 1(Matter in our surrounding) and lesson 5 (Fundamental unit of life: cell).

## **Summer Holidays Homework-2019-20**

**Class-IX**

**Subject: IT**

Q1.Create a presentation (10-12 slides) on any one of the following topics.

- Independence Day.
- Healthy Diet.

Creating Presentations.

While making the presentations use the following features based on the presentation guidelines learnt earlier. • Use Transition effects for slides. • Use Animation effects for text and objects. • Group related pictures. • Use tables and format them with different table styles. • Use charts to represent data in graphical form. • Download and use templates.

Bring the ppt in a CD.

Q2.Create a list of all your personal expenses made during the month and calculate the total expenses using the autosum function 3. Create a list of names of the month and holidays in that month. Add and calculate the total number of holidays in a year using the autosum function

Q3. Open a new document. Search for “Birthday Balloons” in Clip Art. Select one from what is made available and make a one page birthday card for a family member

Q4. Create the following in MS-Excel.

	A	B	C	D	E	F
1.	Roll No.	Name	English	Maths	Science	Total
2.	101	Ragini	95	78	68	
3.	102	Bharti	99	97	67	
4.	103	Namita	89	88	87	
5.	104	Aditi	89	98	80	
6.	105	Shirome	80	87	88	

From the above worksheet, find out the sum of marks for the entire class.

Q5. Visit Indian government websites, such as the official web portal of Department of School Education, MHRD, Government of India. Make a list of all the valuable information and the services you could obtain yourself.

Q6. Make a list of e-government services that are provided by other countries.

Q7. Visit the various websites and list the areas where ICT is used.