
G.A.V. PUBLIC SCHOOL, PATAUDA

HOLIDAY HOMEWORK

CLASS – IX

Session – 2018-19

ENGLISH

***“Education is the passport to the future,
for tomorrow belongs to those who prepare for it today.”***

1) Read the chapter 1 and 2 chapter of each book (beehive textbook and moments)

a) name the main characters.

b) choose 10 tenses from each chapter and write their name also.

c) make meaningful sentences using any 10 words from each chapter.

2) write and learn Q/A of chapter 1-4 in notebook.

Activity:

3) write an email to your friend telling him how you plan to spend holidays and take out the printout of the mail sent.

4). pick out any two words from the newspaper everyday. Write their meanings and make sentences of your own in English notebook.

5) practice your grammar skills throughout the holidays

Tenses,subject- verb agreement,notice,sentences and phrases.

Science(Physics)

Q.No 1. Roll No (1-10)

(a) Make a model to show that liquids exert pressure in all directions.

Roll No (11-20)

(b) Make a model of spring balance.

Roll No (21 onwards)

(c) Make a model to prove Newton’s third law of motion.

Q.No 2. Explain the meaning of Inertia. Give appropriate example to explain the inertia of rest and that of motion.

Q.No 3. Give an example where two equal and opposite forces do not form an action-reaction pair.

Q.No 4. State the principle of conservation of linear momentum.

Q.No 5.. Give the relation between the buoyant force and the weight of a body for floating body.

Q.No 6.. How can you get the distance travelled by an object from its speed-time Graph ?

Q.No 7.. What are the steps involved in drawing a graph between two quantities?

Q.No 8.. A bicycle increases its velocity from 10 km/h to 15 km/h in 6 sec. Calculate its acceleration.

Q.No 9.. An object moves through 10 m in 2 min and next 10 m in 3 min. Calculate its average speed.

Q.No 10.. A car moves through 20 km at a speed of 40km/h, and the next 20 km at a speed of 60 km/h. Calculate its average speed.

Q.No 11.. A force produces an acceleration of 0.5 m/s^2 in a body of mass 3.0 kg. If the same force acts on a body of mass 1.5 kg, what will be its acceleration?

Q.No 12.. A force of 12N starts acting on a body kept at rest. Find the momentum of the body at 1s, 2s & 5s after the force starts acting.

Q.No 13.. A constant force of 12N acts on a body for 4s. Find the change in the linear momentum of the body.

Q.No 14.. A force of 12N is uniformly distributed over an area of 120 cm^2 . Find the pressure in Pascals.

Chemistry

-Learn and write exercise question answer of chapter 1,2 and 3 in your notebook.

-Make a table of first 20 elements having their respective symbols, atomic numbers and their electronic configurations.

Activity :

Observe the physical and chemical change in our surroundings and make a list of these changes on chart.

- Read the chapter 'Is matter around us pure' and find out at least 20 on mark questions and write these question and answer in notebook.

Biology

-Do NCERT questions of chapter The fundamental unit of life:cell

-Make a scrap book and paste five samples each of cereals,pulsesand oil seeds. Also identify the season of their sowing and harvesting.

- consider a cell like your school. Each part of the cell (school) has responsibilities that must be done and certain organelles (people) to do them. Identify the function of the following parts of the cell then identify which person does the same job.

First one is done as an example to follow:

<i>S.no</i>	<i>Organelle</i>	<i>Function</i>	<i>Part of school that has similar function</i>
1.	<i>Cell Membrane</i>	<i>Controls what goes in and out of the cell</i>	<i>Front Office</i>
2.	<i>Mitochondria</i>		
3.	<i>Nucleus</i>		
4.	<i>Cytoplasm</i>		
5.	<i>Cell wall</i>		
6.	<i>Plastids</i>		

S.ST

1. What does citizenship means to you? Look at Ch 1 and 3 write 200 words on how the French Revolution and Nazism defined citizenship.

2. Find out the longitudinal and latitudinal extent of your state.

3. Find out more about any 6 members of the constituent Assembly. Collect a photograph or make a sketch of these leaders. Write a short note on him or her like name, place of birth, brief description of political activities, role played after the constituent Assembly.

4. During your field visit talk to some farmers of your region. Find out what kind of farming methods -----Modern or traditional or mixed-----do the farmers use? Write a note.

MATHEMATICS

Chapter -1 number system

Chapter -2 polynomials

Chapter -3 Coordinate geometry

Chapter- 5 Introduction to Euclids Geometry

Chapter- 6 Lines and angles

Chapter- 15 Probability

Revision of ch-1,2,3,5,6 and 15 in H.H.N.B

Activity :-1. Mid point and perpendicular bisector of a line segment

2. Equal division of a line segment

हिंदी

- पाठ्य - पुस्तक छितिज

काव्य खंड - पाठ -1 कबीर, पाठ -2 ललघद

- गद्य खंड - पाठ -1 प्रेम चंद, पाठ -2 राहुल साकृत्यान
- प्रश्न उत्तर लिखे व याद करे |
- प्रतिदिन 'दस' नए शब्द खोजे (शब्दकोष) व उनका अंग्रेजी व हिंदी में उच्चारण लिखे व सीखे |
- औपचारिक तथा अनौपचारिक पत्र के दो - दो उद्धारण प्रश्न सहित लिखे|
- 20-20 प्रत्यय तथा उपसर्ग लिखे |
- निम्नलिखित अनुच्छेद पढ़े व कोई एक लिखे -
 - बढ़ता भ्रष्टाचार
 - आतंकवाद और भारत
 - प्रदूषण - कारण तथा निवारण
 - इन्टरनेट - लाभ तथा हानिया
 - आरक्षण की समस्या