

HOLIDAY HOMEWORK CLASS-IX

ENGLISH

EAST POINT SCHOOL

CLASS IX

ENGLISH HOLIDAY HOMEWORK

A. Read the passage and answer the questions that follow.

The Amazon is the world's largest tropical rainforest. It is roughly the size of the continent of Australia and covers an area of nearly 2.8 million square miles. The Amazon rainforest gets its life from the majestic Amazon River which runs through the heart of the region. Amazon is also the second largest river in the world. The rainforest is simply the drainage basin for the river and its tributaries. The vast forest consists of four layers, each featuring its own ecosystems and specially adapted plants and animals.

The forest floor is the lowest region. Since only two percent of the sunlight can filter through the top layers to the understory very few plants grow there. The forest floor, however, is rich with rotting vegetation and bodies of dead animals which quickly break down and get integrated into the soil as nutrients. Tree roots stay close to these available nutrients and decomposers such as millipedes and earthworms use these nutrients for food.

The understory is the layer above the forest floor. Much like the forest floor, only about 2 to 5 percent of the sunlight reaches this shadowy realm. Many of the plants in the understory have large, broad leaves to collect as much sunlight as possible. The understory is so thick that there is very little air movement. As a result, plants rely on insects and animals to pollinate their flowers.

The layer above the understory is the canopy. This is where much of the action in the rainforest occurs. Many plants growing in this layer has specially adapted leaves with drip tips. Drip tips allow water to flow off the leaves and thus prevent mosses, fungi and lichens from infecting the leaves. Leaves in the canopy are very dense and filter about 80 percent of

the sunlight. The canopy is where the wealth of the rainforest's fruits and flowers grow.

On the basis of your reading of the passage answer the following questions:

1. The Amazon is equal to roughly the size of ____.

- (a) Tropical rainforest
- (b) the continents of Australia
- (c) Amazon river
- (d) None of these

2. The heart of the region is ____.

- (a) Amazon river
- (b) drainage
- (c) Sunlight
- (d) vegetation

3. The lowest region is the ____.

- (a) Ecosystem
- (b) rivers
- (c) Tributaries
- (d) forest floor

4. ____ and ____ make the soil of the rainforest rich in nutrients.

- (a) Two percent sunlight
- (b) Rotting vegetables
- (c) Dead animal bodies
- (d) both (b) and (c)

5. Decomposers of the area are ____.

- (a) Tree roots
- (b) millipedes and earthworms
- (c) Mosses and fungi
- (d) lichens

6. The understory is so thick that there ____.

7. _____ allow water to flow off the leaves and prevent leaves from infecting.
8. Leaves in the canopy are very thick and filter about 2 to 5 percent of the sunlight.

(True/False)

B. Complete the passage given below by choosing the correct alternatives from the ones that follow.

As a small boy, I used to play cricket with my mother. She used to bowl (a) me in a small room in our house. There was (b) space so she would kneel and throw the ball gently to (c) Once I hit hard and hit her (d) the nose. It started bleeding and I was frightened.

- (a) i) for; ii) at; iii) over; iv) to
- (b) i) few; ii) little; iii) hardly; iv) any
- (c) i) her; ii) me; iii) us; iv) them
- (d) i) in; ii) for; iii) on; iv) into

C. The following passage has not been edited. There is one error in each line. Identify the error and write it along with the correction in the answer sheet. The first one has been done for you as an example.

INCORRECTCORRECT

During a summer holidays I accompanied my	a	the
friend from his village. It was a small place consisting	_____	_____
of about 200 houses. The villagers are simple people	_____	_____
and very hospitable. The natural scenery or fresh	_____	_____
air were very soothing. I stayed here for three days	_____	_____
and enjoyed myself in the lap of nature.		

D. Read the following instructions for making ‘Maggi noodles’ and complete the passage.

- Boil 500 ml of water in a container.
- Add noodles and taste maker.
- Add finely chopped vegetables after steaming them separately.
- Cook only for two minutes.
- Serve hot.

जून	<p>ग्रीष्मावकाश कार्य</p> <p>क.पत्रलेखनम्</p> <p>संस्कृत भाषा के महत्त्व को बताते हुये</p> <p>थाईलेण्ड मे रहने वाले अपने मित्र को पत्र लिखो</p> <p>ख.आदिकवि वाल्मीकि</p> <p>१.रचना</p> <p>२.शैली</p> <p>३.भारतीय संस्कृति में प्रभाव बिन्दुओं को एक लेख द्वारा प्रस्तुत करो</p>	संस्कृत भाषा के महत्त्व को जानना	पत्र लेखन	भारतीय संस्कृति को आत्मसात करना	लेखन कौशल का विकास		
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MATHS

EAST POINT SCHOOL

CLASS: IX

MATHEMATICS HOLIDAY HOMEWORK (2022-23)

PROJECT: INTERNATIONAL MATHEMATICS

Read the instructions first

- You may submit the homework in a neat project file with an attractive cover.
- Do not use class math notebook for doing holiday homework.
- Write your name, class and section on the cover page.

The following number system are discussed in the history of mathematics:

The Egyptian number system

The Greek number system

The Babylonian Number system

Fraction of Ancient Egypt

Research and write an article on any two of the above mentioned number systems. Use suitable images and pictures to support your research work.

CASE STUDY:

Sanjay bought 5 notebooks and 2 pens for Rs120. He told to guess the cost of each notebook and pen to his friends Mohan and Anil. Sanjay has given the clue that both the costs are positive integers and divisible by 5 such that the cost of a notebook is greater than that of a pen.



Now Mohan and Anil tried to guess.

Mohan said that price of each notebook could be Rs. 18. Then five notebooks would cost Rs.90, the two pens would cost Rs. 30 and each pen could be for Rs.15.

Anil felt that Rs.18 for one notebook was too little. It should be at least Rs.20 then the price of each pen would also Rs.10.

Q1. Form the linear equation in two variables from this situation by taking cost of one notebook as Rs. x and cost of one pen as Rs y .

- (a) $2x + 5y = 120$
- (b) $5x + y = 120$
- (c) $x + y = 120$
- (d) $5x + 2y = 120$

Q2. Which is the solution of the equation formed in (Q1)?

- (a) $X = 10, y = 20$
- (b) $X = 20, y = 10$
- (c) $X = 15, y = 15$
- (d) None of these

Q3. If the cost of one notebook is Rs. 15 and cost of one pen is 10, find the total amount.

- (a) Rs. 120
- (b) Rs. 105
- (c) Rs. 95
- (d) Rs. 125

Q4. If the cost of one notebook is twice the cost of one pen, then find the cost of one pen?

- (a) Rs. 20
- (b) Rs. 10
- (c) Rs. 5
- (d) Rs. 15

Q5. Which is the standard form of linear equation $y = 4$?

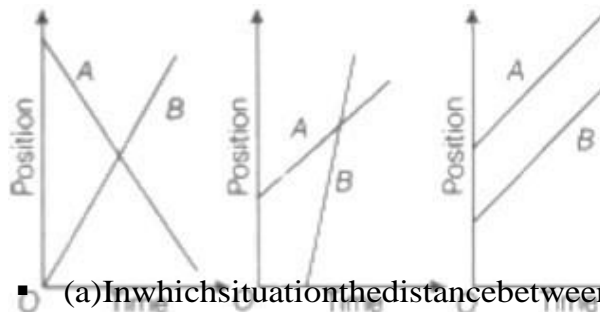
- (a) $Y - 4 = 0$
- (b) $1.y + 4 = 0$
- (c) $0.x + 1.y = 0$
- (d) $0.x + 1.y - 4 = 0$

SCIENCE

EAST POINT SCHOOL CLASS- IX SUBJECT PHYSICS HOLIDAY HOMEWORK

1. A bus starts from rest and attains a velocity of 36 km/h in 5 seconds. Find the acceleration produced and the distance travelled by the bus in these 5 seconds.
2. A ball thrown up vertically returns to the thrower in 6 seconds. Calculate:
 - a) The velocity with which it was thrown
 - B) The maximum height it reaches
 - C) The position after 4 seconds
3. Explain why:
 - a) If we kick a football it flies away but if we kick a stone of the same size with a n equal force, it hardly moves.
 - b) It is advised to wear seat belts while driving.
 - c) If we hit a hard surface with our hand, we also feel hurt.

4. The position-time graphs of two objects A and B in three different situations for a particular duration are shown as below:



- (a) In which situation the distance between them will remain same?
- (b) In which situation they are moving in opposite directions?

- IsthevelocityofobjectApositiveornegativeinsituation(ii)?
- Aretheycrossingeachotherinany situation(s)?Ifso,why?

5. Do two activity to show the law of inertia.

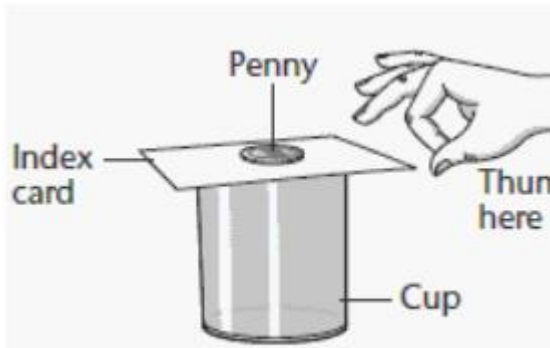
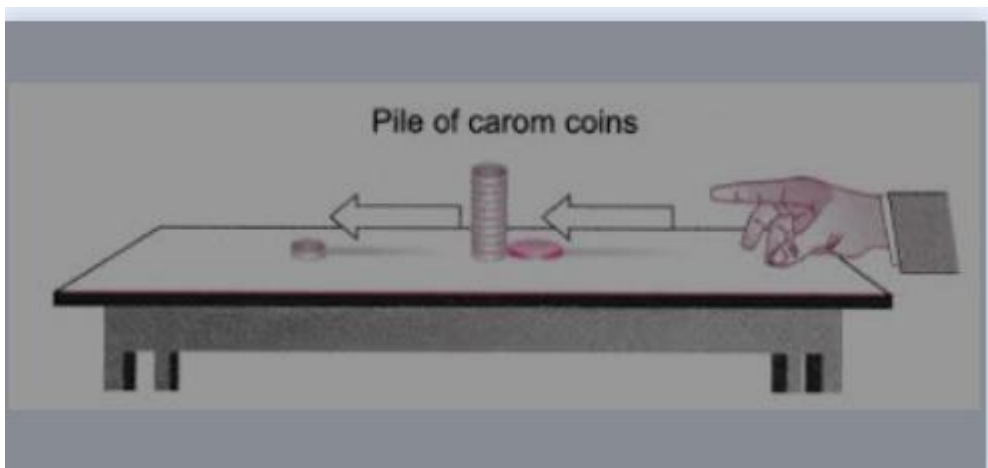


FIGURE 3.1. Law of Inertia



Do the activities and also attach your activity photo.

EAST POINT SCHOOL

CHEMISTRY –IX

HOLIDAY HOME WORK CHEMISTRY: CLASS IX

1. Complete the practical in practical file:

Separation of components of a mixture of sand, common salt and ammonium chloride.

2. II. Answer the following questions:

1. Why do the doctors advise to put strips of wet cloth on forehead of a person having high fever?

2. The melting points of three solids X, Y, Z are 298K, 314K and 398K, respectively. Arrange these in increasing order of their inter-particle force of attraction?

3. Water as ice has cooling effect, whereas water as steam may cause severe burns. Explain these observations.

4. How does evaporation differ from boiling?

5. Why do we see water droplets on the outer surface of a glass containing ice cold water?

INVESTIGATORY PROJECT

Find out the differences between U.V Purifier, R.O Purifier and Zero B Purifier available in the market.

- (i) Which of them is best? Describe on the basis of advantages and disadvantages of each Type.
- (ii) Which of them is suitable for removing dissolved salts?
- (iii) Do these purifiers remove virus?

EAST POINT SCHOOL

HOLIDAY HOMEWORK

BIOLOGY - IX

Biology Holiday Homework-

1. Complete the practical in practical file:

Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells and to record observations and draw their labeled diagrams.

2. Answer the following:

- a. Which are the following conditions to give the most benefits to farmers in agriculture? Why?

- b. What are the advantages of intercropping and crop rotation?
- c. What is genetic manipulation? How is it useful in agricultural practices?

PROJECT WORK

Prepare a project file on any one of the following and prepare a portfolio on the topic selected:

- i) Effect of war on Biodiversity.
- ii) Effects on war on our major resources.
- iii) What are Bioweapons? How they can cause disasters?
- iv) Any Pathogen: Disease caused, symptoms, diagnosis and treatment.
- v) Soil less Farming

EAST POINT SCHOOL
CBSE SOCIAL SCIENCE PROJECT
(2022-2023)
CLASS – IX

TOPIC: DISASTER MANAGEMENT

INTRODUCTION:

India is a disaster prone country. In view of its sub-tropical location, long coast line, and the tectonic history, India is vulnerable to major natural hazards, such as Earthquakes, Cyclones, Landslides, Floods and Droughts.

Man-made disasters like Fires, Building Collapses, Road Accidents and Dam Burst too are common. It is now a recognized fact that though natural disasters are primarily due to imbalances in nature, they also occur largely on account of human failings.

Human sufferings and miseries from a large number of natural disasters can be mitigated by taking timely action, preventing mechanisms and undertaking capital works of long and medium terms. The social and economic losses of disaster are high and often immeasurable.

OBJECTIVES:-

Disaster Management consists of the following objectives:

- Understand the significance and implications of various types of disasters.
- Understand about the nature, causes and effects of each type of disaster.
- Discuss various mitigation measures that need to be taken up during disaster.

- Discuss the various disasters namely earthquake, Fire, tsunami, flood, landslide and drought.
- Encouraging a culture of disaster preparedness in the Students.
- Enable them to respond immediately and effectively in decision making..

METHODOLOGY AND PROCEDURE:-

After the discussion about the project the students will be asked to prepare a project. Students will be divided into groups of five students each.

Topics:

1. List the various types of disasters like Earthquake, Fire, Tsunami, Flood, Landslide and Drought.
2. Explain the nature, causes and effects of each type of disaster.
3. Prepare a plan for mitigation measures that need to be taken up during disasters (Prepare do's and don'ts).
4. Survival skills: Search and Rescue measures that need to be taken during an emergency.
5. First Aid measures that need to be taken for burns, bleeding, snakebite, electrocution, snake bite, fractures, poisoning. Heart stroke, dog bite, dehydration etc.
6. Describe various alternative communication systems that exist in the world.
7. Discuss the roles that government and various agencies play in managing disasters. You too as an active and responsible citizen of the country can play a major role.
8. Explain the components and the process of preparing the disaster management plan for your area (Prepare a "Building Evacuation Plan of your School).

Some key points for Project Preparation:

At the end of the stipulated term each student will prepare and submit her/his project report.

Following essentials are required to be fulfilled for its preparation and submission-

1. The project report will be hand written and credit will be awarded to original drawings, illustrations and creative use of materials.
2. The project report should be presented in a neatly bound simple folder (Preferably Paper Folder / File).
2. The project report should be presented in the following order
3. Cover page showing project title, student information, school and year
4. List of content with page numbers

5. Acknowledgements (Acknowledging the institution, offices and libraries visited and persons who have helped)
6. Project overview: Purpose, aim, methodology and experiences while doing the project.
7. Topics with relevant headings
8. Summary and conclusion based on findings.
9. Bibliography: Should have the title, pages referred, author, publisher, year of publication and if a website the name of website with the specific website link which has been used.
10. Photographs and sketches should be labelled and acknowledged
11. Teacher's Remarks

The distribution of marks over different aspects relating to Project Work is as follows:

1. Content accuracy and originality
1 mark
2. Presentation and creativity
1 mark
3. Process of Project Completion: Initiative, cooperativeness, participation and punctuality
1 mark
4. Viva or written test for content assimilation
2 marks

COMPUTER

**EAST POINT SCHOOL
SUMMER HOLIDAY HOMEWORK (SESSION 2022-23)
SUBJECT-IT (402)
CLASS-IX**

1. Create a digital storybook on the topic "French Revolution " integrated with History Using Word Processor Software
2. Design a poster on the topic "Make in India" in MS WORD.
3. Create a scrapbook on "Emerging trends in world of Technology"

EAST POINT SCHOOL
SUMMER HOLIDAY HOME WORK-2022-23

DANCE
CLASS 9

1. Research work on Indian folk dance with complete history, art integration with social science subject.
2. Learn 6 classical dance step of any Indian classical dance form.
3. Guru pranam practice .
4. Practice of 28 mudras.
5. Write a short note on Indian classical dancer (any one)
6. Bring color pictures of Indian dancers.