

EAST POINT SCHOOL

HOLIDAY HOMEWORK

CLASS-IX

ENGLISH

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.

Firstly, 500 ml of water (1) in a container. After that noodles and taste maker (2) Then finely chopped vegetables (3) after steaming them separately. The mixed stuff is cooked for only two minutes. Then, it (4) hot.

हिंदी ग्रीष्मावकाश कार्य कक्षा 9

दिए गए प्रश्नों में से कोई 2 प्रश्न करें।

प्रश्न 1. भक्त कवि कबीर, गुरु नानक नामदेव और मीरा बाई कवियों का जीवन परिचय देते हुए रचनाओं के नाम, भाषा शैली व काव्य विशेषताएँ लिखें। प्रत्येक कवि का विवरण देने से पहले उनका आकर्षक रंगीन कवर पेज तैयार करें।

प्रश्न 2. 'गिल्लू' पाठ के आधार पर पशु- पक्षियों के प्रति संवेदनशील व्यवहार प्रकट करते हुए सचित्र 2 से 4 वाक्य में नारा लेखन करें।

प्रश्न 3. कोरोना महामारी के बढ़ते प्रकोप व बीमारी से बचाव हेतु टीकाकरण पर 2 नागरिकों के मध्य कार्टून स्ट्रिप के माध्यम से संवाद लेखन करें।

प्रश्न 4. अपने जीवन लक्ष्य से संबंधित एक स्वरचित कविता लिखें। (संबंधित रंगीन चित्र बहृत बनाएँ)

SANSKRIT

ग्रीष्मवकाश गृहकार्यम् पोर्टफोलियो(संस्कृत)

कक्षा नवमी

खण्ड क

प्र .१ अधोलिखित वाक्यानां अनुवादं कृत्वा लिखत -

१ वह कब जायेगा ?

२ नगर के चारों ओर पेड है ।

३ पिता ने पुत्र को किताब दी ।

४ बालक घोडे गिरता है ।

५ गङ्गा हिमालय से निकलती है ।

प्र २ स्वकक्षाध्यापकस्य विषये मित्रं प्रति लिखिते पत्रे उचितपदैः रिक्तस्थानानि पूरयत-

परीक्षाभवनम्

तिथिः

प्रियः मित्र ।

सप्रेम

अत्र कुशलं।अस्मिन् पत्रे अहं विषये लिखामि । ममस्वविषये निपुणः अस्ति

सः अस्मान्पाठयति सः अतीवअस्ति । सःवदति प्रार्थयामि यत्तस्य

आयुः दीर्घः कुर्यात् ।

भवतः.....

दीपकः

(मजुषा – मित्रम् , तत्रास्तु , ईश्वरः , गणित , विनम्र ,, कक्षाध्यापक, नमस्कारम्, स्नेहेन सदेवप्रियः , स्वकक्षाध्यापकस्य)

प्र 3 (क) अधोलिखितशब्देषु संधि -विच्छेदम् लिखत -

१ देवालयं

२ जगदीशः

(ख) १ सु + आगतम्

२ यदि + अपि

प्र 4 अधोलिखितशब्देषु प्रत्ययम् संयोज्य – विभाज्यं लिखत -

१ सः गम् + क्त्वा खेलति ।

२ देवः पठ + तुमुन् विद्यालयं गच्छति ।

३ देवः गुरुं प्रणम्य + पाठं पठति ।

खण्ड ख

प्र 5 महाकवि कालिदास्य जीवनवृत्तम् अलिखत् यस्मिन् निम्नलिखितविषयाणां वर्णनं कुरु :-

(क) जीवन परिचयम्

(ख) रचना परिचयम्

(ग) भाषा शैली

संस्कृत वाङ्मये महत्त्वम्

MATHS

Project work: Represent any five real numbers on the number line with the suitable method (Pythagoras method, geometric method and magnification method)

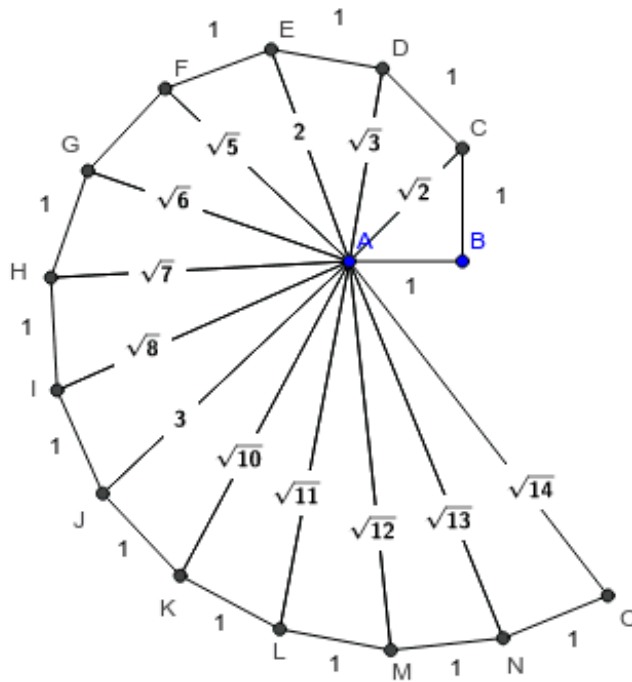
1. $\sqrt{10}$

2. $\sqrt{26}$

3. 3.4586

4. 6.8523
5. $\sqrt{5.8}$
6. $\sqrt{10.6}$
7. $3 + \sqrt{5}$
8. $2 + \sqrt{3.5}$

Case study: Answer the following questions on the basis of square root spiral



- Q1. The value of $\sqrt{2}$ is rational or irrational. Justify
- Q2. Write the approximate decimal value of $\sqrt{7}$.
- Q3. Write the five rational numbers between two consecutive positive integers.
- Q4. Write the algorithm for constructing a square root spiral upto $\sqrt{5}$.
- Q5. Write any two non-terminating non-recurring value between $\sqrt{2}$ and $\sqrt{7}$.

SOCIAL SCIENCE

The Topic for the project is Disaster Management (Do any one of the following)

- a. Earthquake
- b. Flood
- c. Drought

- d. Landslide
- e. Cyclone Guidelines for the project
 - Collect information from various sources like newspapers, photographs, article from magazine, internet, eye witness, account etc, Regarding the event and the problems faced by the disaster victims.
 - Collect information on immediate response of various government agencies like police, hospitals, district administration etc.
 - Discuss the role of authorities, Indian and international agencies (CRY, WHO, UNO) in the rehabilitation process.
 - In conclusion highlights the mitigation process to include identification of risk zones, community awareness and individual response.
 - A case study of supplement and build up on the project shall be appreciated.
 - Criteria for evaluating project work include content accuracy, originality, presentation and creativity.
 - The project should be hand written. Print outs will not be accepted.
 - All the photographs should be labeled and acknowledged.

Project should be developed and presented in this order

- Cover page showing project title, school's name, student's name, class and section and academic session (year)
- List of contents with page number (approx...15 pages)
- **Acknowledgements:** Acknowledging institution, offices and libraries visited and people who have helped.
- **Project Overview:** Purpose, aim, methodology and experience while doing the project
- **Chapters** with relevant headings.
- **Summary and conclusions** based on findings.
- **Bibliography** should have the title, pages referred, author, publisher, year of publication and if a website, the name of the website with a specific link which have been used.
- **Teachers evaluation report**
NOTE: Only ecofriendly material to be used
- Total marks allotted for the project are 10, which includes theory as well as viva or written test for content assimilation.

PROJECT EVALUATION PROFORMA

The proforma should be attached on the last page of the project.

School's Name

Address

Student's

Name Roll. No

Class

Section

on

Teacher Assessment

1. Content accuracy and originality
2. Presentation and creativity
3. Process of project completion
4. Viva –voce
5. Overall remarks:
6. Teacher signature:

- Date:
7. School stamp:

SCIENCE

Biology

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

- i) New technologies used in agriculture
- ii) Biotechnology crops
- iii) COVID virus
- iv) Any Pathogen: Disease caused, symptoms, diagnosis and treatment.
- v) Organic Farming

Chemistry

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. Why do we feel comfortable under a fan when we are perspiring?
 4. Why do solids have a regular geometrical shape?
 5. Water as ice has cooling effect , whereas water as steam may cause severe burns. Explain these observations.
 6. How does evaporation differ from boiling?
 7. Why do we see water droplets on the outer surface of a glass containing ice cold water?
 8. When 50g of sugar is dissolved in 100 m L of water ,there is no increase in volume .What characteristic of matter is illustrated by this observation?
 9. Why do wet clothes dry quickly in sun than in shade?
 10. Describe an activity to determine the boiling point of water.

Physics

1. Write the following experiment in your practical file-
To verify the laws of reflection of sound
2. Prepare a PPT to show the following activity
 - (i) Plan to go to a place by a vehicle. Take readings of odometer and speedometer after every 5 minutes till you reach your destination.
Record these observations in tabular form; plot graphs between distance-time and speed time. State whether this motion is uniform or no uniform.