

SUMMER HOLIDAY HOMEWORK

CLASS - IXth SUBJECT-HINDI

नोट:- निम्नांकित गृहकार्य व्याकरण कॉपी में लिखिए-

पत्र-लेखन -

1. औपचारिक प्रार्थना-पत्र-अपने नगर के नगर-पालिका अध्यक्ष को अपने मोहल्ले में फैली महामारी के बारे में अवगत कराने के लिए स्वच्छता हेतु प्रार्थना-पत्र लिखिए।
2. अनौपचारिक प्रार्थना-पत्र-अपने मित्र के भाई के विवाह समारोह में सम्मिलित होने के लिए अपने पिता को एक पत्र लिखिए।

निबन्ध लेखन-

- i. प्रदूषण: एक समस्या
- ii. योग दिवस (21 जून)
- iii. महंगाई: एक ज्वलंत समस्या
- iv. क्रिकेट-इण्डियन प्रीमियर लीग

संवाद लेखन-

- i. पिता का पुत्र से संवाद लेखन।
- ii. ग्राहक (क्रेता) और विक्रेता का संवाद।

यात्रा-वृत्तान्त- इस ग्रीष्मकालीन-अवकाश में आप जहाँ घूमने जायें वहाँ का चित्र सहित वर्णन करें।

नोट:- निम्नलिखित कार्य क्षितिज कॉपी में लिखिए-

- क्षितिज- साखी (कबीरदास) तथा वाख (ललघद) पाठ से दोहे तथ पद याद करो।
- सभी पाठ का नाम और कवि, लेखकों को नाम सहित लिखकर याद करो।

नोट:- निम्नांकित को एक टेस्ट कॉपी में कीजिए-

कृतिका- 15 पंज सुलेख लिखिए।

SARASWATI VIDYA MANDIR SR.SEC.SCHOOL SEC-Q ALIGANJ, LUCKNOW

(Session- 2023-24)

Class-9

Subject: English
Holiday Homework

NOTE- Make a separate copy for Holiday Homework.

** Its SUMMER TIME again. Time for strengthening family bond, tying threads of family tree, sharing joys and sorrows, having a good time together.*

** Look for interesting books and read as much as you can about the places and people. Take good care of your health and hygiene. Avoid heavy and oily food and increase intake of fresh fruits and water to keep yourself well hydrated and energetic.*

** Use Holiday Homework as an opportunity to spend quality time together. The role of the parent is to be a facilitator and guide to steer the child in the right direction. Original work of students will receive greater recognition and appreciation.*

**Follow the guidelines to complete specific activities.*

(a) Do one page English Writing daily in your H.W. Copy.

(b) Revise Tenses and Subject verb concord.

(c) Computers are a storehouse of knowledge and wisdom and they are hazardous too. Write an article on the topic "The benefits and the harms of computers". Word limit is 180-200 words.

(d) Write and learn the rules chart of Tenses.

(e) Write a note on any government popular scheme that has been implemented recently by the Government of India. (200 to 250 words)

(f) Draw a picture of your ideal/patriot and write at least 10 lines about him/her.

SUMMER HOLIDAY HOMEWORK

CLASS - IXth SUBJECT-MATHS

1. Find six rational number between 3 and 4.
2. Find Five rational number between $\frac{3}{5}$ and $\frac{4}{5}$.
3. To prove that $\sqrt{3}$, $\sqrt{5}$, $\sqrt{7}$, $\sqrt{11}$ are irrational number.
4. Express the following in the form (p/q)

i. $0.\overline{6}$ ii. $0.\overline{47}$

5. Do question no. 1 and 5 from exercise no, 1.4.
6. Do question no. 2 from exercise 1.5.
7. Write the degree of each of the following.

i. $x^2 + x$ ii. $5x^3 + 4x^2 + 7$

iii. $4-y^2$ iv. $x-x^3$

v. $4x^3+7x^2+2x+3$ vi. x^4+2x^2+3x+5

8. Write 10 linear and 5 quadratic polynomial.

9. Factorize-

i. $x^3 - 2x^2 - x+2$ ii. $x^3 - 3x^2 - 9x-5$

iii. $x^2 - 49y^2$ iv. $2y^3 + y^2 + 2y-1$

SUMMER HOLIDAY HOMEWORK

CLASS - IXth SUBJECT-SCIENCE

- Q. 1- Learn the question -answer of the following chapters-
- i. Motion
 - ii. Matter in our surroundings
 - iii. The fundamental unit of life cell.
- Q. 2- Write the contribution of the following scientist in the study of the cell.
- i. Robert Hooke
 - ii. Purkinje
 - iii. Leeuwenhock
 - iv. Robert Brown
 - v. Schleiden and schwam
- Q. 3- Write a note on "Fundamental unit of life".
- Q. 4- Prepare 20 MCQs from the chapter "Matter in our surroundings".
- Q. 5- Ice, water and steam are three state of a substance and not different substance. Justify.
- Q. 6- Write down the name of elements and their symbols on punch sheet and learn it.
- Q. 7- Write the steps you would use for making tea (with peculiar diagram or picture) (using the terms of Science for e.g. solution)
- Q. 8- Collect the bunch of leaf of different kind of plants. Paste them into Herbarium file. (At least 10 sheets)
- Q. 9-Prepare a model and chart on the allotted topic. Model to be prepared should have a strong base and the chart related to the model should be made on white pastel sheet.
- a. Plant cell (Roll No. 01-07)
 - b. Animal cell (Roll No. 08-15)
 - c. Chloroplast (Roll No. 16-22)
 - d. Nitrogen cycle (Roll No. 23-29)
 - e. Oxygen cycle (Roll No. 30-40)

SUMMER HOLIDAY HOMEWORK

CLASS - IXth SUBJECT-S. SCIENCE

➤ ECONOMICS:-

1. Make an economics dictionary containing 30 key terms + definitions arranged alphabetically and this should be done in proper file.
2. What is price mechanism?
3. What is the main objective of most private sector firms?

➤ GEOGRAPHY:-

1. For an example of international migration which you have studied explain why many people made the decision to migrate. You should name the countries between which people migrated and refer both to pull and to push factors.
2. For a named country which you have studied, explain why the rate of natural population growth is high?
3. For a named country which you have studied, describe how the government has attempted to influence population growth?
4. Describe the problems caused by an ageing population. (The country that studied)

➤ ECONOMICS:-

1. The market share and trends over the last 10 years.
2. Factors that helped the business to be successful.
3. The vision and mission statement of the MNC.

➤ HISTORY:-

1. 3 D Artificial Design of your War Weapon. (This was used in World War I)

➤ POLITICAL SCIENCE:-

1. Write on Our Fundamental Rights and Duties.
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HOLIDAY HOME WORK
SUBJECT – COMPUTER (IT-402)
CLASS – 9th

Activity –

1. Make a chart on limitation of Non-verbal and Verbal Communication.
2. Make a chart on factors affecting perspective in the communication.

Copy Work –

Answers write on the punch file, take one-page ruled and one-page blank punch pages.

1. What is QR code? What information does it have and how is it decoded?
2. Take “an idea” that you want to communicate and write how the seven elements contributes to the communication cycle.
3. Compare and contrast classroom learning and online learning. Write at least five point.