HOLIDAY HOME WORK

SUBJECT – COMPUTER (IT – 402)

CLASS – 10th

Activity –

Do all activities and take colour print out -

1. Design a Birthday celebration, Invitation Card using different features of MS-Word.
2. Create a certificate for "Excellent Performance in a subject" using MS-Word or template.

Copy Work –

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

1. How did you prepare for activity no. 1, write 20 words (each) on the following word processing features? Alignment, Font style, Font size, Font color.
2. How did you prepare for activity no. 2, write 20 words (each) on the following presentation features? Template and transition effect.
3. Write shot notes on 7 Cs of Communication elements with figures in 100 words.

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Class:- X

Sub:- English

Summer Holiday Homework:- 2023-2024

1. Questionnaire Making

How to do:-

Prepare 15 Multiple choice questions from the story. "A long walk to freedom" (Nelson Mandela) and "A long walk to freedom " (Nelson Mandela) and "A triumph of surgery".

Where to do:- A-4 Size Sheet

Parameters:- Accuracy, Content, Authentication

2. Script Writing

How to do:-

Write a script on any **social issue** it should be divided into iv scenes. Name of the characters should be written on different page.

Where to do:- A-4 Size Sheet

Parameters:- Content, Presentation, Setting of a Plot.

3. Creation with a Proverb

How to do:-

Describe any one of the following proverb in your own words. You should also add pictures to make it creative.

- The Pen is mightier than sword

- No Pain No Gain

Where to do:- A-4 Size Sheet

Parameters:- Creativity, Relevance, Presentation.

4. Being Innovative with values

How to do:-

Create your own diary in which you will write daily about any one positive change which you will bring in yourself like being organized or being punctual (80-100words)

Where to do:- A small diary which should be properly decorated.

Parameters:- Creativity, Content, Authentication.

5. Write one formal notice and one article on any current issue in A-4 size sheet and make it innovative and creative by your own skills.

    Topic for Article:-

    • Evils of gender discrimination

    • Examination paves way for success

    • Excessive use of Internet

6. Make an attractive poster on Anti-Corruption along with meaningful slogan.

7. Frame sentences from the phrases given and write the meaning of the phrases too.

    (i) Upto the minute:-

    (ii) All of a Sudden:-

    (iii) Right Away:-

    (iv) As a matter of fact:-

    (v) Take it easy:-

    (vi) Sort of:-

    (vii) Regardless of:-

    (viii) Take advantage of:-

    (ix) Give someone a hand:-

    (x) Work Out:-

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Class:- X

Sub:- Hindi

Summer Holiday Homework:- 2023-2024

प्रोजेक्ट वर्क (कार्य योजना):– सभी कवियों–लेखकों के नाम पाठ सहित लिखें।

विज्ञापन लेखन:–   1. किसी कोचिंग सेन्टर का विज्ञापन।

2. अपने विद्यालय का विज्ञापन।

3. कहानी लेखन प्रतियोगिता।

4. पुस्तक भण्डार का विज्ञापन।

तुलसीदास:–   सूक्ष्म जीवन–परिचय, दो दोहे लिखिए।

रामवृक्ष बेनीपुरी:–   जीवन परिचय, पाठ का सारांश लिखिए।

नोटः– निम्नांकित कार्य व्याकरण कॉपी में लिखिए तथा प्रोजेक्ट वर्क फाइल पंचशीट पर करना है, सुलेख कार्य टेस्ट कॉपी पर करना है।

पत्र लेखन:– औपचारिक प्रार्थना पत्र:– 1. आवेदन पत्र – एक शिक्षक के स्थान के लिए एक प्रार्थना पत्र लिखिए।

अनौपचारिक प्रार्थना पत्र:– 1. पुस्तकें खरीदने के लिए पिता से रूपये भेजने के लिए एक प्रार्थना पत्र लिखिए।

अनुच्छेद लेखन:– 1. विश्व योग दिवस   2. प्रदूषणः एक ज्वलंत समस्या

3. क्रिकेट : इण्डियन प्रीमियर लीग

4. मंहगाई : एक ज्वलंत समस्या।

क्षितिजः– पाठ तथा पाठ के लेखक और कवियों के नाम लिखो तथा याद करो।

कृतिका:– 10 पेज सुलेख लिखो।

यात्रा वृतान्तः– कहीं घूमने गये हो तो स्मरणीय बिन्दु।

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Class:- X

Sub:- Maths

Summer Holiday Homework:- 2023-2024

Chapter:-1 (Real Numbers)

Exercise 1.1   Q.N. 1, 2, 3, 4, 5, 7

Exercise 1.2   Q.N. 1, 2, 3

Example   1, 2, 3, 4, 5, 6 and 7

Chapter:-2 (Polynomials)

Exercise 2.1   Q.N. 1

Exercise 2.2   Q.N. 1 and 2

Chapter:- 3 (Pair of Linear Equations in two variables)

Exercise 3.1   Q.N. 1, 2, 3, 4 and 7

Exercise 3.2   Q.N 1, 2, 3

Exercise 3.3   Q.N. 1 and 2

Example   1, 2, 4, 5, 6, 7, 8, 9

Project Work

Topic- (Polynomials)

Contents:-   (i) Introduction

                (ii) Geometrical meaning of the zeros of Poly.

                (iii) Relation between Zeros and its Coefficients of a Poly.

                (iv) Division Algorithms of Poly.

                (v) Summery

Activity

To Check the consistency of pair of linear equation in two variables by algebraic and Graphically.

Holiday homework

Class 10

Science

Q 1. Define double displacement reaction and give one example of each of the following type of this reaction ina yellow which

    I.   A yellow precipitate is formed
    II.   A black precipitate is formed
    III.   A gas is liberated
    IV.   A white precipitate is formed
    V.   Two other solution are formed

Q 2. A solution of copper sulphate are stored in a beaker made of aluminium metal. After about an hour is it. Was observed that the blue colour of the solution has faded and the inner surface of the container is spoiled .

    I.   why does the blue colour fade?
    II.   Why is the inner surface of the beaker spoiled? Show it by the balanced chemical equation.
    III.   which one is oxidised and which one is reduced in the process?

Q 3 when lead nitrate is heated, it decomposes with a crackling sound, a reddish brown gas is liberated and a solid residue is left in the test tube.

    I.   Name the type of the reaction and define it.
    II.   Write the name and the formula of the coloured gas.
    III.   Write the name and colour of the residue left.
    IV.   Write the balanced chemical equation to describe the changes on decomposition of lead nitrate.

Q 4. Three conductors of resistance 2ohm, 3 ohm and 4 ohm are connected (a) in series and (b) In parallel. Calculate the total resistance of each combination.

Q 5.State the relation between resistance the relation between the resistance R, resistivity p, Length l and area of cross section A of a conductor.

Q 6. Distinguish between kilowatt and kilowatt-hour

Q 7. In a factory an electric bulb of 500 W is used for 2 hours and an electric motor of 0.5 horse power is used for 5 hours every day. calculate the cost of using bulb and motor of 30 days of and of its cost of electric energy is 8 rupees per unit.

Q 8. Compute the heat generated while transferring 96000 coulomb of charge in one hour through a potential difference of 50V.

Q 9. How many 176 ohm resistors (in parallel) are required to carry 5A on a 220 V line?

Q 10. Explain :

   I.   Why is the tungsten used almost exclusively for filament of electric lamps?
   II.   Why are the conductors of electric heating devices, such as bread-toasters and electric irons, made of an alloy rather than a pure metal?
   III.   Why is the series arrangement not used for domestic circuits?
   IV.   How does the resistance of a wire vary with its cross sectional area?
   V.   Why are copper and aluminium wires usually employed for electricity transmission?

Q 11. In the adjoining circuit, find

   I.   Total resistance of the network of resistors.
   II.   Current through Ammeter A
   III.   Potential difference across 3ohm and 4ohm resistors.

Q 12. Five resistors are connected in a circuit as shown in adjoining figure. Find the Ammeter reading when circuits is closed.

Q 13. Explain with the help of neat and well labelled diagrams the different steps involved in nutrition in Amoeba.

Q 14. Write five points of difference between breathing and respiration.

Q 15. "Blood circulation in fishes is different from the blood circulation in human beings". Justify the statement.

Activity :

1. **Prepare your own indicator with the help of beetroot.**

2. **Make a chart on chemical reaction with the e.g. characteristics of chemical reaction and different types of chemical reaction with suitable example.**

3. **Visit a health care in your locality and find out what is the normal range of haemoglobin content in human being.**

Project:

➢ **Make a PPT on:**

(a) Human heart (Roll no 1 – 7),

(b) Human brain (Roll no. 8- 15)

(c)Respiratory system (Roll no 16- 22)

(d) Alimentary canal (Roll no 23- 29)

(e) Excretory system (Roll no 30- 40)

➢ **Prepare model of human eye, eye defects and their removal.**
➢ **Prepare a project report in " our natural' resources, availability, harnessing and conservation.**

Note-

➢ **Revised all the syllabus till date.**
➢ **Learn periodic table from 1-40.**
➢ **Learn chemical formula of acid, base and salt.**

Class:- X
Sub:- Social Science
Summer Holiday Homework:- 2023-2024

- **Political Science**

  1. Do a case study of any one country on Federalism.

- **History**

  1. "The changing status of women in 20" century causes and effects.

     Write an article on the above mentioned topic illustrating with suitable source examples. The article should cover examples from both Indian and World History You have been provided with examples of the sources.

  2. Find out more about nationalist symbols in countries outside Europe. For one or two countries collect examples of pictures, posters, poems, stories or music that are the symbol of nationalism and paste/write about them Holiday Homework File.

- **Economics**

  1. Write an article about effects of Pandemic on migrant laborers throughout India in about 500 words. (In your article describe any two case studies where government or non-government organizations have extended any help to them.

- **Geography**

  1. Prepare an extensive comparison Table of Energy Resources used in India. (Include conventional, non-conventional, potential and stock resources.