ASSIGNMENTS

SUBJECT- ENGLISH

WRITING SECTION

1. Write a letter to the editor of The Hindustan Times, Ranchi complaining about air pollution caused by bursting of crackers during Diwali and Kali Puja. Give suggestions to celebrate Diwali without bursting crackers .

2. Write a letter to the editor of a newspaper about the problems faced by commuters in Jamtara due to reckless driving of public vehicles. Also try to draw attention of the authorities concerned to initiate strict actions against the offenders.

GRAMMAR SECTION

1. Rearranging Words and Phrases to form Meaningful Sentences.

(a) wear / these / people / a majority / of / days / a watch
(b) time / it / in / measures / seconds / and / hours / minutes
(c) shapes / different / a wristwatch / sizes / and / is available /it
(d) like / digital / while / prefer / wristwatches / mechanical ones / others / some people

2. Turn the following sentences into indirect speech.

A.   He said, 'I am writing letters.'
B.   He said to me, 'I don't believe you.'
C.   He said to me, 'What are you doing?'
D.   'Where is the post office?' asked the stranger.
E.   He said to Bliss , 'Will you listen to me?'

3. Given below are a set of instructions for making coffee. Complete the following paragraph using passive voice.

- Take a teaspoon full of coffee powder in a cup or glass.
- Add a little water.
- Also add a little sugar.
- Beat the mixture till the brown coffee powder becomes a creamy paste.
- Boil milk.
- Pour the boiling milk into the cup or glass with the creamy paste.
- Stir with a teaspoon and sprinkle chocolate powder over it.

A steaming cup of coffee is ready. A teaspoon full of coffee powder (1)___ in a cup or glass. A little water along with some sugar (2)___. The mixture (3) _____ paste. Then the milk is boiled. The boiling milk (4) _____ with the creamy paste. The mixture (5)___ and (6) ___. A steaming cup of coffee is ready.

Literature Section

Answer the following questions briefly.

1. How can you say that Ram Singh 070 is more human than MrPrem Chopra?
2. Write a paragraph on " Pen is mightier than sword".
3. True friends are hard to find. True friends are the greatest asset. Narrate an incident when some friend helped you in your time of need and you realize that 'a friend in need is a friend indeed'.

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SUBJECT- HINDI

1) किन्हीं पाँच बाल कविताओं का संकलन कीजिए तथा स्क्रैपबुक में प्रत्येक का चित्र चिपकाकर कविता लिखें।(Project)
2) किसी ऋतु का सुंदर चित्र स्क्रैपबुक में बनाइए और उस पर एक सुंदर कविता लिखिए।(Project)
3) दश -दश रुढ, यौगिक,योगरुढ शब्द खोजकर गृहकार्य काॅपी (H W copy) में लिखिए।
4) तत्सम, तद्भव,देशज एवं विदेशज के 20-20 शब्द खोजकर गृहकार्य काॅपी (H W copy) में लिखिए।

SUBJECT- SANSKRIT

गद्यांश :- एकास्मिन् नगरे एक: चतुर नर: ....। एवं स: अनेक सुवणभिद्रांणां संञ्चयम् अकरोत्।

उपरोक्त गद्यांश पठित्वा प्रश्नानाम उत्तराणि लिखत :-

क) एक पदेन उत्तरत।
 i) वञ्चक: कुत्र वसति स्म ?
 ii) नरस्य गृहे किम् वहु मूल्यं आसीत् ?
 iii) एतां वार्तां श्रुत्वा के सुवर्ण पात्रस्यलोभेन तस्य गृहे आगच्छन् ?

ख) पूर्णवाक्येन उत्तरत।
 i) नर: किं घोषणाम् अकरोत् ?
 ii) प्रत्येकं कथां श्रुत्वा नर किं वदति ?
 iii) नर: केन प्रकारेण धन संचयम् अकरोत् ?

2. अधोलिखित वाक्ये कर्ता, कर्म, क्रिया च भिन्न-भिन्न स्थाने लिखत।
 काक: सर्पस्य विनाशस्य उपायम् अचिन्तयत्।
 कर्ता _
 कर्म _
 क्रिया _

3. मञ्जुषाया: उचितं पदं चित्वा लिखन्तु।
 कृष्ण: सर्प:
 शीतलं जलं
 विशालं भवनं
 मधुरं फलं
 शोभन: बालक:

 विशेष्य :-
 विशेषण :-

4. परियोजना कार्य :- पृष्ठे बृक्षस्यचित्र निर्माणं कृत्वा कारक-विभक्ति चिन्हानि च लिखित्वा रञ्जयन्तु।
5. क) तुमुन प्रत्ययान्त शब्दान चित्वा धातु प्रत्ययं च पृथक्-पृथक् कृत्वा लिखन्तु।
 i) कथयितुम
 ii) भवितुम
 iii) क्रेतुम
 iv) चलितुम्
 v) दातुम्

5. ख) उपसर्गान् पृथक् कृत्वा लिखंतु।
   i) अनुसरण
   ii) प्रयोग
   iii) विधान
   iv) प्रहार
   v) निर्धन

5. ग) समानार्थक शब्दान् मेलनं कुर्वन्तु।
   (i)जनक: क) पार्श्व:
   (ii)सूर्य: ख) तात:
   (iii)अनिल   ग) नूतनम्
   (iv)समीपम्   घ) पंकज:
   (v)नवीनम्   ङ) भास्कर:

5. घ) शब्दारुपाणिलिखन्तु :-
   (i)कवि (ii)मति (iii)वारि (iv)नदी।

5. ङ) धातु रूप :- i) वद् धातु ii) धा धातु

SUBJECT-MATHEMATICS

1. Multiply the Monomials:
   1. $2a^2b^2$; $5ab^4c^2$ and $1.1a^5bc^7$
   2. Find the product of $(-3XYZ) (4/9 X^2Z)(-27/2XY^2Z)$ and verify the result for X=2,Y=3 and Z =-1.
   3. Find the product and evaluate when X = 2 ; Y = - 1.
       $0.5X(2X^2Y^2 + 1.5XY^3)$
4. Find the product and verify the result when X = 5 and Y = -1.
       $0.2XY(3X + 2Y)$
5. Simplify:
       $2X(X – Y^2)-3Y(XY + 2X) –XY(X+Y)$
6. Find the product of the following binomial.
       $(4X^2 + 7Y^3)(3XY- 2Y^2)$
7. Multiply the binomials and verify the result when P = 10 , q =5
       $(0.1p + 0.2q)(0.2q –0.1p)$
8. Simplify:
       $(7abc + b^2)(7-bc) + c(2b^3 - 9ab)$
9. Find the H C F of the following Monomials.
       $2X^3Y^2$, $10X^2Y^3$, $14XY$
10. Find the H C F of the terms and factorise.
       $8X^2Y^2 - 16XY^3 + 24XY$
11. Solve the following equations and check your answers.
       $(2X -3)= 3(5X-12)/10$
12. Solve
       $2.4X + 1.35 – 0.04X = 3.71X + 13.5$
13. Solve and check your answers.
       $(6X-2)/5=(2X-1)/3 -1/3$
14. A piggy bank contains ₹ 370 in the notes of denominations of 10 and 50 .If the number of 10 rupee notes is one more than that of 50 rupee notes, Find the number of notes of each type.
15. Two equal sides of a triangle are each 5m less than twice the third side. If the perimeter of the triangle is 55m , Find the lengths of its sides.
16. Sudesh is twice as old as Seema. If six years years is subtracted from Seema's age and four years are added to Sudesh's age, Sudesh will be four times Seema's age. How old were they three years ago ?

17. solve
       $(X+2)/6 –[(11-X)/3 – ¼]=(3X-14)/12$

18. A total of ₹ 80,000 is to be distributed among 200 persons as prizes. A prize is either of ₹ 500 or ₹ 100 . Find the number of each prize.

19. The numerator of a fraction is 6 less than the denominator. If 3 is added to the numerator, the fraction becomes equal to 2/3. Find the original fraction.

20. A man travelled $(2/5)^{th}$ of his journey by train,$(1/3)^{rd}$ by taxi, $(1/6)^{th}$ by bus and remaining 10km on foot. Find the length of his total journey.

PROJECT WORK

Define the following terms with examples in A-4 size white papers by decorating each sheet in a stick file.

1. Constant and Variable
2. Coefficients such as numerical and literal.
3. Algebraic Expressions.
4. Like terms and Unlike terms.
5. Types of algebraic Expressions.
6. Define linear equation with examples.

SCIENCE

SUBJECT- PHYSICS

1) Define the followings terms.
   i)Rectilinear motion
   ii)Curvilinear motion.
   iii)uniform motion.
   iv)Non uniform motion.
2) What is simple pendulum?.
3) A simple pendulum takes 20 seconds to complete 10 oscillations. Find time period of this pendulum.
4) A boy walks to his school with a const speed of 8km per hour and reaches there in 40 minutes.Find the distance of the school from his house.
5) What is simple pendulum.

ACTIVITY WORK.

6)To measure the time period of a simple pendulum of the given activity 3 from chapter 6.

SUBJECT–: CHEMISTRY

A) Choose the correct option :----
   1)The colour of phenolphthalein indicator in acidic and basic medium,respectively are :--
       a) Pink and colourless   b) colourless and pink
       c)blue and red   d) red and blue
   2) Which of the following feel soapy on touching?
       a)Acid   b) Bases   c) Salt   d) None of them.
   3) Which of the following is a natural indicator?
       a) China rose petal   b) Turmeric   c) Litmus   d) All the above
   4) The correct way of making a solution of acid in water is to
       a) Add water to acid   b) Add acid to water
       c) Mix acid and water simultaneously
       d)Add water to acid in a shallow container.
   5) Neutralisation reaction is a
       a)physical and reversible change   b) physical and irreversible change
       c) chemical and reversible change d) chemical and irreversible change
   6) All matter is made up of small particles called :--
       a) Elements   b) Compounds   c) Mixture   d) Atoms
   7) What is mixture?
       a) Two or more substances mixed in fixed proportion
       b) Two or more atoms mixed in fixed proportion
       c) Two or more substances mixed in any proportion
       d) Molecules of different compounds

8) What is the chemical symbol of potassium.
  a) Cl b) K c) P d) Br
9) What is the chemical symbol of silver
  a) Si b) Sr c) Ag d) Cl
10) Which of the following denotes acetate ion?
  a) CH_3COO^- b) CH_3COO^+ c) CH_4 d) $CO_3\,2^-$
B) Define the following terms :--
  a) Alkalies b) indicator c) mineral acids d) Organic acids
C) Write formulae of these salts and classify them as acidic basic or neutral salts:--
  a) Potassium phosphate b) potassium carbonate c) ammonium nitrate
  d) sodium sulphate   e) sodium chloride

D) Answer the following questions:--
a) Give any two properties of salts.
b) Write the meaning of term neutralization reaction with one example.
c) Name any two substances that can be used as indicator.
d) Write a short note on Acid rain

PROJECT WORK
Draw and write an activity to show molten salts and solution of salts in water conduct electricity.

SUBJECT- BIOLOGY

Answer the following questions.
1) Sometimes we see that farmers loosen the soil. What is the reason behind it?
2) When we exhale or breathe out, percentage of a certain gas is high. Name the gas.
3) How does a plant roots absorb water and minerals from the soil?
4) Whenever we feel drowsy or sleepy, we start yawning. Does yawning help us in any way?
5) How does the anaerobic respiration occur in the human.
6) Differentiate between aerobic and anaerobic respiration.
7) Explain how respiraton occurs in plants.
 8) Draw and label Human Respiratory System.

Activity-To show that water, absorbed by the roots of a plant is transported from the stem to leaves and flowers through the xylem.

SOCIAL SCIENCE (S.St)

SUBJECT - GEOGRAPHY
Answer the following questions:-
1) why is the earth called blue planet?
2) what is the process of water cycle?
3) what are the various movements of ocean water?
4) Name two types of currents? Also write 10examples of each.
5). What do you mean by plankton?
6) How are tides useful to us?
7) what do you mean by Tsunami?
8) How can be Tsunami managed?
9) Define Biosphere?
10) Differentiate between tropical and Temperate forest?
11) Name two types of desert's?
12) on the world map show the following:-
A) Tropical grasslands
B) Temperate grasslands

SUBJECT:-HISTORY

Instruction : fill with appropriate word

Q1. ------was the first and the last Muslim lady ruler during the medieval period.

Q2 The epic ---------- was written by Malik Mohammad jayasi

Q3.--------- Tughlaq was a mixture of opposites.

Q4.The first battle of panipat was fought between

---------------and ----------.

Q5.------was a tax paid by non Muslims to live in a Islam state.

Q6.Krishnadevaraya belonged to ------------ dynasty.

Q7.---------called zalim Humayun who was the grand son of Ahmed Shah.

Q8.Babur wrote the book----------.

Q9. Mansabdari system was introduced by --------.

Q10.------------took the title of shahjahan.

Answer the following questions briefly.

Q11 .'Diwan-i-insha' was incharge of which work?Q13.' Vakil-i-Dar ' was responsible for which work?

Q14.Who started ' hulia and Dag 'system?

Q15 What attracted the Turks to India?

Q16. What is 'Ashta Diggaj'

Q17.What is 'Chaliha ' ? who formed it?

Long Answer Type questions

Q18. Write the causes of the downfall of the Mughal empire?

Q19. Explain the economic reform of Ala-Ud-dinkhalji.

Q20.Why shajahanwas known as an engineer king ?

PROJECT WORK:

1.Make a collage of the Mughal Architectural delights.

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SUBJECT:- CIVICS

Choose the correct answer:-

1. Which of the following are forms of media?

    i)T.V   ii)Radio   iii) Newspaper   iv) All of these

2. Which of the following is print media?

    i)T.V   ii)Radio   iii)Newspaper   iv)All of these

3. Which has brought the world closer to us?

    i) Television   ii) Tape recorder iii) Mass media   iv) none of these

4. Which type of media of our large variety of information to suit that taste of different readers?

    i) electronic media ii) mass media   iii) print media   iv) all of these

5. Which is the main source of income of media?

    i) advertisements   ii) articles   iii) general news   iv) none of these

Answer the following questions:-

6. What is media?

7. Why is media called a watchdog of democracy?

8. What is market?

9. What is the full form of PDS?

10. How many types of markets are there?

11. Who is a consumer?

12. List the main features of consumerism?

SUB-COMPUTER/A.I.

(1) Write the steps to use Google Map when you move from Jamtara to Chittaranjan (WB). Also Draw its Icon in cw copy

(2) Write the Steps to use the voice Assistance feature in Google by searching anything in google. Explain with the help of Drawing .

(3) Write a python program to Enter 2 numbers and calculate their sum and substraction.

(4) Write a python program to display your Name, Fathers Name , Mother's Name and Address in different line.

SUB-Drawing

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