

Central Agra Public School

Shahdra Check Post, Agra
SESSION : (2020-2021)

WEEKLY ASSIGNMENT-2

CLASS- X

ENGLISH

DUST OF SNOW

FIRE AND ICE

Q1:- Read the following extract and answer the questions given below:-

The way a crow
Shook down on me
The dust of snow
From a hemlock tree

Has given my heart
A change of mood
And saved some part
Of a day I had rued.

- (A) What happened when the Dust of Snow fell on the poet?
- (B) Who was the writer (Poet) of the “ Dust Of Snow” Poem?
- (C) What happened to the poet’s mood when a close look down on him?
- (D) Which tree is there in the poem dust of snow?
- (E) What does the crow do to the poet?
- (F) How was the poet’s day before that incidence?
- (G) What fell off from which tree?
- (H) What was the good thing that happens at last with the poet?

Q2:- Short Answer Questions:-

- (A) What is a “ dust of snow” ? What does the poet say has changed his mood? How has the poet’ s mood changed?
- (B) How does Frost present nature in this poem?
- (C) Why was the poet standing under the hemlock tree?
- (D) “ And saved some part of a day, I had rued” Explain?

Q3:- Read the following extract and answer the questions given below:-

“Some say the world will end in fire
Some say in ice.
From what I’ve tasted of desire
I hold with those who favour fire.”

- (A) What is the poet’s opinion of the world in these lines?
- (B) What is the poet’s opinion about the world?
- (C) What is the contradictory opinion of public?
- (D) How are ice and fire similar to each other though they have contradictory traits?

“But if it had to perish twice I think I know enough of hate To say that for destruction
ice is also great And would suffice.”

- (A) What does it refers to in the first line?
- (B) What do you mean by ‘ perish’ ?

- (C) What does ice stand for?
(D) What would be the cause of destruction?

Q4:- Short Answer Questions:-

- (A) What do ' fire' and ' ice' stand for?
(B) How has Frost brought out the contrasting ideas in the poem?
(C) Write down the two different views about the end of the world?
(D) How does Robert Frost caution the common man?
(E) Why does the poet hold with those who favour fire?
(F) To say that for destruction ice is also great for the poet, what does ' ice' stand for? How is it sufficient to bring destruction?
(G) 'But if it had to perish twice' . How will the world perish twice?

CHEMISTRY

Q1- Why is respiration considered an exothermic process?

Q2- Why should magnesium ribbon be cleaned before burning in air?

Q3- What is a balanced chemical equation? Why should chemical equations be balanced?

Q4- Give one example each of a chemical reaction characterized by-

- ★ Evolution of a gas
- ★ Change in colour
- ★ Formation of a precipitate
- ★ Change in temperature
- ★ Change in state

Q5- Write the balanced chemical equation for the following reactions-

- ★ Hydrogen sulphide gas burns in air to give water and sulphur dioxide
- ★ Barium chloride reacts with zinc sulphate to give zinc chloride and barium sulphate
- ★ sodium hydroxide solution reacts with hydrochloric acid solution to produce sodium chloride solution and water
- ★ Barium chloride solution reacts with aluminium sulphate solution to form a precipitate of barium sulphate and aluminium chloride solution
- ★ magnesium carbonate reacts with hydrochloric acid to produce magnesium chloride, carbon dioxide and water

Q6- Write balanced chemical equations for the following reactions-

- (A) Silver bromide on exposure to sunlight decomposes into silver and bromine.
(B) Sodium metal reacts with water to form sodium hydroxide and hydrogen gas.

Q7- Define combination reaction. Give one example of a combination reaction which is also exothermic.

Q8- Give an example each for thermal decomposition and photochemical decomposition reactions. Write relevant balanced chemical equations also.

Q9- Write chemical equation for the reactions taking place when

- (a) Iron reacts with steam
(b) Magnesium reacts with Dil Hcl
(c) Copper is heated in air

Q10- 2g of ferrous sulphate is heated in a dry tube

- (a) List any two observations
(b) Name the type of chemical reaction taking place
(c) Write the chemical equation for the reaction

BIOLOGY

- Q.1 What are life processes?
- Q.2 What processes would you consider essential for maintaining life?
- Q.3 What is the basic requirement of living organisms for obtaining energy?
- Q.4 Which type of energy is used by living organisms to perform vital? Life processes?
- Q.5 What are outside raw materials used for by an organism?
- Q.6 What criteria do we use to decide whether something is alive?
- Q.7 Why is diffusion insufficient to meet the oxygen requirements of Multicellular organisms like humans?

MATHEMATICS

- Q.1 Express each number as a product of its prime factors:
(I) 3825. (II) 5005. (III) 7429
- Q.2 Given that $HCF(306, 657) = 9$, Find $LCM(306, 657)$.
- Q.3 If two possible integers 'a' and 'b' are written as $a = x^3y^2$ and $b = xy^3$ where x and y are prime numbers, then find $HCF(a, b)$.
- Q.4 Can we have any natural number 'n' where 7^n end with the digit zero? If not, why?
- Q.5 LCM of two numbers is 10 times their HCF. Sum of HCF and LCM is 495. If one of the number is 90, then find the other number.
- Q.6 Can two numbers have 18 as their HCF and 380 as their LCM? Give reason.
- Q.7 **Questions based on REASONING AND NUMERICAL APTITUDE.**
 - (A) Select the related number from the given alternatives.
17 : 60 :: 20 : ?
(i) 57. (ii) 69. (iii) 81. (iv) 93
 - (B) A series is given, with a missing term. Choose the correct alternative from the given ones that will complete the series.
8, 15, 36, 99, 288,
(i) 368. (ii) 676. (iii) 855 (iv) 908
- (C) **The traffic lights at three different road crossings change after 24 sec, 36sec, and 54 sec. respectively. If the all change simultaneously at 10 : 15 : 00 AM, then at what time they will again change simultaneously?**

COMPUTER

- Q1. What is Web Server?
- Q2. Name some different types of Web Server.
- Q3. What is ISP? Which ISP provides the internet connection at your home?
- Q4. Who invented the first web browser and in which year?
- Q5. Name some different types of web browser.
- Q6. What is a Blog?
- Q7. What is the difference between uploading and downloading?
- Q8. Which is the latest version of the Internet Explorer?
- Q9. Name two main parts of an e-mail address with the help of an example.
- Q10. Give two examples of blogging website?

(Very Short Answer Type Questions)

1. What is referred to as Absolutism?
2. Define Nation.
3. What was the major change that occurred in the political and constitutional scenario due to French revolution in Europe?
4. What was the strong demand of the emerging middle class in Europe during the 19th century?
5. What was main aim of the Treaty of Vienna in 1815?
6. What was the major issue taken up by the liberal nationalists?
7. Who remarked “ When France sneezes the rest of Europe catches cold?”
8. What was the main aim of the revolutionaries of Europe?
9. Who was proclaimed the German emperor in a ceremony held at Versailles in January 1871?
10. Who holds the credit of unifying Germany?
11. Who headed Sardinia Piedmont?
12. What was the concept of a nation state?

(Short Answer Type Questions)

1. Explain any three features of the Napoleonic code.
2. Explain any three features of the ‘ nation – state’ that emerged in Europe in the 20th century.
3. Explain any three beliefs of the conservation that emerged after 1815.
5. How did Romanticism seek to develop a particular form of nationalist sentiment during 18th century? Explain.
6. Describe the process of unification of Italy.
7. Why are 1830s called the year of great economic hardship in Europe? Give any three reasons.

(Long Answer Type Questions)

1. How did culture play an important role in creating the idea of nation in Europe? Explain with for example.
2. Describe any five steps taken by the French Revolutionaries to create a sense of collective identity among the French people.

हिंदी

1. निबन्ध लिखिए :-
‘कोरोना वायरस शरीर को यूँ करता है तबाह’
2. विज्ञापन :-
‘कोरोना वायरस के बचाव के नियम बताते हुए 25 शब्दों का एक विज्ञापन तैयार कीजिये’
3. पत्र लेखन :-
‘कोरोना वायरस संक्रमण कैसे फैलता है, लॉकडाउन तथा स्वच्छता की जानकारी देते हुए अपने मित्र को पत्र लिखिए’
