Homework
Class-10
Date:17/7/20
*Science
Chemistry Assignment
Chapter - Acid, Base and salt.

1. Explain the preparation and uses of caustic soda.
2. Explain the preparation and uses of baking soda.
3. Explain the preparation and uses of washing soda.
4.Write the importance of bleaching powder and their property.

* वषय-हिंदी

पाठ-1 सूरदास के पद

प्रश्न 1 निम्न ल खत प्रश्नों के उत्तर दीजिए-

तीसरा पद हमारें------------------- लकरी।

1 श्री कृष्ण को हारिल की लकड़ी क्यों कहा गया है?

2 गो पयों को योग की बातें कड़वी ककरी सी क्यों लगती थी?

3 जिनके मन चकरी का आशय स्पष्ट कीजिए।

4 गो पयों ने हारिल की लकड़ी को कस तरह पकड़ रखा है?

5 गो पयां कसे व्या ध मानती हैं?

6 गो पयों ने श्री कृष्ण के प्रति अपने प्रेम की गहनता को कस प्रकार प्रकट कया है?

7 योग साधना के प्रति गो पयों के दृष्टिकोण को स्पष्ट कीजिए।

8 अनुप्रास और रूपक अलंकार का एक उदाहरण चुनकर ल खए।

9 गो पयां योग संदेश को कैसे लोगों के लए उपयुक्त मानती हैं?

10 'जागत सोवत स्वप्न दिवस नि स कान्हा कान्हा जकरी' पंक्ति द्वारा गो पयों की कस मनः स्थिति का वर्णन कया गया है?

*MATHS   Do it from the attached picture

*English   Do the explanation of each paragraph of poem "A tiger in the Zoo" and questions answers also.

Social science   Do it from the attached picture.

3. Show that the roots of the equation $x^2 + px - q^2 = 0$ are real for all real values of p and q.

4. For what values of k are the roots of the quadratic equation $3x^2 + 2kx + 27 = 0$ real and equal?   [CBSE 2008C]

5. For what value of k are the roots of the quadratic equation $kx(x - 2\sqrt{5}) + 10 = 0$ real and equal?   [CBSE 2013]

6. For what values of p are the roots of the equation $4x^2 + px + 3 = 0$ real and equal?   [CBSE 2014]

7. Find the nonzero value of k for which the roots of the quadratic equation $9x^2 - 3kx + k = 0$ are real and equal.   [CBSE 2014]

8. (i) Find the values of k for which the quadratic equation $(3k + 1)x^2 + 2(k + 1)x + 1 = 0$ has real and equal roots.   [CBSE 2014]

   (ii) Find the value of k for which the equation $x^2 + k(2x + k - 1) + 2 = 0$ has real and equal roots.   [CBSE 2017]

9. Find the values of p for which the quadratic equation $(2p + 1)x^2 - (7p + 2)x + (7p - 3) = 0$ has real and equal roots.   [CBSE 2014]

10. Find the values of p for which the quadratic equation $(p + 1)x^2 - 6(p + 1)x + 3(p + 9) = 0, p \neq -1$ has equal roots. Hence, find the roots of the equation.   [CBSE 2015, '19C]

11. If -5 is a root of the quadratic equation $2x^2 + px - 15 = 0$ and the quadratic equation $p(x^2 + x) + k = 0$ has equal roots, find the value of k.   [CBSE 2014]

12. If 3 is a root of the quadratic equation $x^2 - x + k = 0$, find the value of p so that the roots of the equation $x^2 + k(2x + k + 2) + p = 0$ are equal.   [CBSE 2015]

13. If -4 is a root of the equation $x^2 + 2x + 4p = 0$, find the value of k for which the quadratic equation $x^2 + px(1 + 3k) + 7(3 + 2k) = 0$ has equal roots.   [CBSE 2015]

14. If the quadratic equation $(1 + m^2)x^2 + 2mcx + c^2 - a^2 = 0$ has equal roots, prove that $c^2 = a^2(1 + m^2)$.   [CBSE 2014, '17]

15. If the roots of the equation $(c^2 - ab)x^2 - 2(a^2 - bc)x + (b^2 - ac) = 0$ are real and equal, show that either $a = 0$ or $(a^3 + b^3 + c^3) = 3abc$.   [CBSE 2017]

16. Find the values of p for which the quadratic equation $2x^2 + px + 8 = 0$ has real roots.

17. Find the value of α for which the equation $(\alpha - 12)x^2 + 2(\alpha - 12)x + 2 = 0$ has equal roots.   [CBSE 2013]

PRACTICE QUESTIONS

Very Short Answer/Objective Type Questions [1 Mark]

1. Which one of the following types of government was functioning in France before the revolution of 1789?
   (a) Dictatorship
   (b) Military
   (c) Body of French Citizen
   (d) Monarchy

2. Which of the following countries is considered as the 'cradle of European civilization'?
   (a) England   (b) France
   (c) Greece   (d) Russia

3. Frederic Sorrieu was a _____.

4. A large part of the Balkans was under the control of the _____ Empire.

5. The Treaty of Constantinople of 1832 recognised Greece as an independent nation.   (True/False)

6. Giuseppe Mazzini formed a secret society called Young Italy for the dissemination of his goals.
                                        (True/False)

7. What do you mean by nationalism?

8. Duke Metternich was the Chancellor of which country?

9. What decisions were taken at the Congress of Vienna?

10. Which treaty recognised Greece as an independent nation?

11. Why 1830s were the years of great economic hardship in Europe?

12. What was the allegory of France called?

13. Ideas of national unity in early 19th century Europe were closely allied to the ideology of liberalism. Who favoured the ideology of liberalism?

Short Answer Type Questions [3 Marks]

14. What was the reaction to the Napoleonic Code?

Or

How did the local people in the areas conquered by Napoleon react to French rule? Explain.

15. Explain the contribution of Giuseppe Mazzini in spreading revolutionary ideas in Europe.

16. Explain the role of language in developing the nationalist sentiments in Europe.

17. "Italy had a long history of political fragmentation". Support the statement by giving any three points.

Long Answer Type Questions [5 Marks]

18. Who were the 'liberals'? What ideas were supported by them?

19. Write briefly about the political conditions in Europe in the 1870s.