

HOLIDAY HOME-WORK

ENGLISH

CLASS - IX, B

09 Copy

1. Make a chart on A-4 size paper to show different parts of speech,
2. Make a list of all the literary devices used in the poems with suitable examples.
3. Answer the following questions in about 80-100 words.
 - a) Why do you think the child's parents denied every wish of the child?
(The lost child)
 - b) Describe Toto and his activities in your own words.
4. Write a paragraph on "Importance of time"
5. Explain the ^{first} 2 paragraphs of "The road not taken",
6. Collect the pictures and information on the important personality who are physically disabled but have achieved great heights of success. Explain how hard work and determination helped them to achieve their aim. (Activity).

Pinkii

Class - IX - B

Subject - Biology

- ① Make a model of a plant cell or animal cell.
- ② Activity - Study the process of endosmosis and exosmosis in raisins and define hypotonic, hypertonic & isotonic solution.
- ③ (i). Draw & label structure of a nucleus & write its function.
(ii). Why lysosomes are known as suicide bags.
(iii). Why plasma-membrane is known as semi-permeable membrane?
- ④ Differentiate between -
a) Diffusion & osmosis b) Eukaryotic & Prokaryotic cells.

H.H.W.

IX-B

① Write the name of storage devices and their capacity.

Sub:- Comp.

Secondary

② Draw the different types of Input Devices.

③ List the features of mobile applications.

Rishi
23-4-19

Jay

[Sub Tr.]

1. When French Revolution begun?
2. What was the old regime?
3. What were Tithes and Tallie?
4. Why was the Bastille hated by all?
5. Who was the king of France at the time of French Revolution?
6. Why was the Bastille prison attacked?
7. Mention the division of French society.
8. Why Louis-XVI found an empty treasury?
9. Which estate enjoyed the feudal privileges? What were the feudal privileges?
10. What were the conditions of 18th century French peasants? Which social group emerged in that period?
11. Which form of government was proposed by Rousseau?
12. Mention the name of philosophers and their books.
13. Who were Mirabeau and Abbeysays?
14. Define Chateaux.
15. What was the estates general?
16. When did the National Assembly completed the drafting of constitution?
17. What made France a "Constitutional Monarchy"?
18. Describe the events that took place on 14th July 1789 in France.
19. Describe the division of French society before French Revolution.
20. Which three causes led to the 'subsistence crisis' in France during old Regime?
21. Describe the middle class in 3 points.
22. How was National Assembly recognised and how did it start exercising its powers?

23. Describe how the new political system of constitutional monarchy worked practice in France.
24. Who were "Active and Passive" citizens?
25. Discuss the main causes of French Revolution.
26. Explain the incident, led to "Outbreak of French Revolution."
27. How did philosophers influence the thinking of people of France?
28. Explain the features of Constitution of France drafted in 1791.

Holiday Homework 2019-20

class - IX (A+B) Economics

Activity Based question

1. Explain the modern farming method with the help of diagram.

FUN WITH SUBJECT

2. After reading the newspaper, magazine, you come to know about the disadvantages of chemical fertiliser, write a letter to the Agriculture Minister in your own word telling him how the use of chemical fertiliser can be harm.

Knowledge Based

3. Modern farming methods require the farmer to start with more cash than before. Why?

Rahul
23/04/19

RAHUL KUMAR SINGH

H.H.W.

Class - X - 'B' Subject - Hindi

- (1) क्या आप सरदास के समान उद्वेग को भाग्यशाली मानते हैं या नहीं? अपनी कल्पना शक्ति के आधार पर सही तर्क देकर स्पष्ट करें।
- (2) "सामाजिक जीवन में क्रोध की जरूरत बराबर पड़ती है। यदि क्रोध न हो तो मनुष्य दूसरे के द्वारा पहुँचाए जाने वाले बहुत से कष्टों की उपमय ही न कर सके।"
- (3) नेता सुभाष बोस के व्यक्तित्व और कृतित्व पर एक परियोजना बनाइए।

H.H.W.

Class - IX - B, Subject - Hindi

- (1) 'दो बेलों की कथा' पाठ का शब्दार्थ लिखिए।
- (2) कबीर का जीवन परिचय एवं पाँच दोहे लिखिए।
- (3) 'दो बेलों की कथा' के माध्यम से प्रेमचन्दजी ने क्या संदेश दिया है?

IX B, Maths

① (i) Represent $\sqrt{7}$ on the number line by spiral method. Also prove it. [use graph paper]

(ii) Represent $\sqrt{6.4}$ on the number line by geometric method. Also prove it. [use graph paper]

② (i) Prove that $\frac{1}{1+\sqrt{2}} + \frac{1}{\sqrt{2}+\sqrt{3}} + \frac{1}{\sqrt{3}+\sqrt{4}} + \frac{1}{\sqrt{4}+\sqrt{5}} + \frac{1}{\sqrt{5}+\sqrt{6}} + \frac{1}{\sqrt{6}+\sqrt{7}} + \frac{1}{\sqrt{7}+\sqrt{8}} + \frac{1}{\sqrt{8}+\sqrt{9}} = 2$

(ii) Prove that $3-7\sqrt{5}$ is Irrational.

(iii) Find a and b if $\frac{\sqrt{2}+\sqrt{3}}{\sqrt{2}-\sqrt{3}} = a-b\sqrt{6}$

(iv) If $x = 2+\sqrt{3}$, find $x^2 + \frac{1}{x^2}$

(v) Simplify $\sqrt{7+4\sqrt{3}}$

(vi) Express the following in the form of $\frac{p}{q}$, where p & q are integers & $q \neq 0$

(a) $0.2\overline{35}$ (b) $4.\overline{32}$ (c) $15.\overline{712}$ (d) $0.003\overline{52}$

(vii) (i) Find two irrational numbers between 0.5 and 0.55

(ii) Find two irrational numbers between 0.1 and 0.12

(viii) Factorise the following polynomials-

(a) $9x^3 - 23x^2 + 14x - 120$

(b) $9x^4 - 7x^3 + 9x^2 + 7x - 10$

(ix) What must be added to $x^4 + 2x^3 - 2x^2 + x - 1$ so that the result

- (3) (i) Define remainder theorem
- (ii) Define factor theorem
- (iii) Define Rational number
- (iv) Define an irrational number
- (v) Explain how irrational numbers differ from rational numbers.
- (vi) Visualise 5.37777 on the number line upto 5 decimal places
- (vii) write the law of exponent.
- (viii) write the algebraic Identities
- (ix) write a difference between Equation and Identity.
- (x) What are the possible expressions for the dimension of the cuboid whose volume is $3x^2 - 12x$

NOTE 1) Solve Q-1 in A-4 Size Paper & use graph

2) Solve Q-243 in HW Copy.

21/23/19
Rajeev Kumar Singh

Holiday Homework (Summer Vacation)

Subject: Physics

class - IX A+B

1. Differentiate between Distance and Displacement?
2. What do you understand by uniform and non-uniform motion?

3.

Time	Distance travelled by Object A in m	Distance travelled by Object B in m
9:30 am	10	12
9:45 am	20	19
10:00 am	30	23
10:15 am	40	35
10:30 am	50	37
10:45 am	60	41
11:00 am	70	44

This chart is given in page no. 100 (Table 8.1). By this given data plot a graph between distance and time. Also show which represent uniform and non-uniform motion.

4. Under what conditions is the magnitude of average velocity of an object equal to its average speed?
5. Usha swims in a 90m long pool. She covers 180m in one minute by swimming from one end to the other and back along the same straight path. Find the average speed and average velocity of Usha.
6. (i) An athlete completes one round of a circular track of diameter 200m in 40s. What will be the distance covered and the displacement at the end of 2m 20s?
(ii) Joseph jogs from 1 end A to the other end B of a straight 300m road in 2m 30s, and then turns around and jogs 100m back to point C in another 1 minute. What are Joseph's average speeds and velocities in jogging (a) from A to B and (b) from A to C?
7. A bus decreases its speed from 80 km h^{-1} to 60 km^{-1} in 5s. Find the acceleration of the bus.

Holiday - Homework

Class - 9th (A+B)

Subject - Sc (Phy, che, Bio)

★ Chemistry -

- ① By pasting thermocol balls in scrap book, show the interparticle space between solids, liquids and gases.
- ② What is sublimation? Draw the laboratory setup of sublimation.
- ③ Write short notes on -
 - i) Characteristics of particles of matter
 - ii) Diffusion
 - iii) Sublimation
 - iv) Evaporation
 - v) Latent heat of fusion
 - vi) Latent heat of vaporisation



:- Neel Singh