

Class 9

Sub Hindi

कक्षा - नवी - अ

विषय - हिन्दी

प्रश्न-1 पाठ दो बैलों की कथा से लेकर पाठ नाना साहब की पुत्री देवी मैना को भस्म कर -
- शब्द -: यथा | दिया तक गहनता से अध्ययन करें अर्थ - प्रश्न , उत्तर , भाषा अध्ययन ,
| सभी पाठों में दी गई व्याकरण का भी अध्ययन करेंगे

प्रश्न-2 से लेकर पाठ ग्राम श्री तक का गहनता से अध्ययन (कबीर) पाठ साखियाँ एवं सबद -
- शब्द , कविताओं की सप्रसंग व्याख्या -: यथा | करेंगे अर्थ - प्रश्न , उत्तर , भाषा अध्ययन ,
- अर्थात् सभी पाठ की व्याकरण का भी अध्ययन करेंगे |

प्रश्न-3- कृतिका पुस्तक में - पाठ ' मेरे संग की औरतें ' से लेकर पाठ ' इस जल प्रलय में '
| तक का गहनता से अध्ययन करेंगे

प्रश्न-4 आदि का , प्रत्यय-उपसर्ग , अर्थ के आधार पर वाक्य भेद , समास , अलंकार -
ध्यानपूर्वक अध्ययन करेंगे और लिखने का अभ्यास करेंगे |

प्रश्न-5| औपचारिक पत्र और अनौपचारिक के लिखने का अभ्यास करेंगे -

कक्षा - नवी | ब , -

- अर्थ की दृष्टि से वाक्य भेद याद कर उनके एक एक उदाहरण लिखो
- यात्रावृत्त किसे कहते हैं? हासा की ओर पाठ से आपको क्या सीख मिलती है विस्तार?
मे लिखो|
- चंद्रगहना से लौटती बेर व ग्राम श्री कविता का सार अपने शब्दों में लिखो
- किसी एक विषय पर निबंध लिखो
 1. इन्टरनेट एक वरदान या अभिशाप
 2. साहित्यिक पुरखा कबीर व उनकी शिक्षाएँ
 3. विधवा विवाह

कक्षा नवमी स

1. एक पठित पधांश और एक पठित गधांश लिखिए
2. एक अपठित गधांश लिखिए
3. दो पत्र लिखिए - (अ) एक शिकायती पत्र
(ब) एक व्यक्तिगत पत्र
4. एक निबंध , एक प्रतिवेदन लिखिए

Sub English

CLASS-IX

HOLIDAY HOMEWORK (AUTUMN) - 2017/18

VALUE BASED QUESTIONS

THE BROOK

-Describe in your own words the journey of the Brook by following lines-
“For men may come & men may go, but I go on forever”.

Hints : Man takes birth, travel through different stages and die.
Brook too travel through different stages. Expand and it's flow as eternal.

THE ROAD NOT TAKEN

-The poem 'The Road not taken' is based on a common experience. The Roads are in fact two alternatives ways of life .Discuss

Hints : The different choices we make in our life to make our future bright.
With the help of your own life experiences as you took several choices till now.

THE MAN WHO KNEW TOO MUCH

-How did the image of Private Quelch as a 'Hero' gradually change into a 'Villain' in the eyes of other trainees?

Hints : Everyone were impressed of the Quelch's knowledge and witty remarks but this habit was disliked by the professors, he publicly corrects the colleagues-----develops sheer terror.

KEEPING IT FROM HAROLD

-How was Harold different from his parents? What was he told about his father's profession?

Hints : Harold was brilliant and had an intelligence and talented personality, much greater than either of his parents as his father was a commercial traveler.

THREE MEN IN A BOAT (NOVEL)

WRITE DOWN & LEARN THE CHARACTER SKETCH OF –

JEROME K.JEROME

HARRIS

GEORGE

MONTEMORENCY

Sub Maths

CLASS IX-A & IX-B

General Instructions:

- Present your work neatly and as creatively as possible.
- The work should be hand written.



Q1. Revise all the chapters from 1 to 9.

Q2. Give an example of each, two irrational numbers whose

- Difference is a rational number.**
- Sum is a rational number.**
- Product is a rational number.**
- Quotient is a rational number.**

Q3. Simplify:

$$\frac{\left(\frac{81}{16}\right)^{-\frac{3}{4}} \left(\frac{25}{9}\right)^{-\frac{3}{2}}}{\left(\frac{2}{5}\right)^3}$$

Q4. Write and learn all the standard identities of chapter-2.

Q5. Write and learn all Axioms and postulates of Euclid's Geometry.

Class IX C maths

EXERCISE	Questions
6.1	4, 5
6.2	5, 6
6.3	6
7.1	7, 8
7.2	4, 8
7.3	3, 5
7.4	4
8. 1	1, 4, 12
8.2	3, 7
9.2	4
9.3	4, 10

Sub Science

bio

1. Write difference between xylem and Phloem.
2. Draw labeled diagram of phloem.
3. Difference between striated and unstraited muscles.
4. Define macro and micro nutrient with example.
5. Define mixed cropping and intercropping.

Sub SST

Xi ac

- 1) Locate the following location - History
 - i. Java
 - ii. Bastar
 - iii. Chhattisgarh
 - iv. Indonesia
 - v. Mumbai
 - vi. Surat
- 2) Map Skills – Geography
 - (i) Areas receiving rainfall over 400 cm
 - (ii) Areas receiving rainfall over 20 cm
 - (iii) Direction of the south-west monsoon Over India

3) Economic

Write 100 words each of following

- i. GST
- ii. Demonitization

4) Civics

- (i) Judiciary System in India- 150 words

IX B

POLITICAL MAP FROM CHAPTER 1,2,3 GEOGRAPHY (TOTAL 5)

SOLVE QUESTION FROM PREVIOUS YEAR QUESTION PAPERS(FROM PERIODIC TEST SYLLABUS).

LEARN PERIODIC TEST SYLLABUS.

Class 10

Sub Hindi

कक्षा 10 अ

1. दो पत्र लिखिए - (अ) एक शिकायती पत्र
(ब) एक व्यक्तिगत पत्र
2. एक निबंध लिखिए - नारी सशक्तीकरण
3. एक अपठित पधांश और एक अपठित गधांश लिखिए
4. एक पठित पधांश और एक पठित गधांश लिखिए
5. किन्ही भी तीन वाक्यों का पद परिचय दीजिए

कक्षा - दसवीं - ब

विषय - हिन्दी

6. प्रश्न-1 पाठ सूर से लेकर पाठ नागार्जुन तक के सभी पाठों का गहनता से अध्ययन -
- शब्द , कविताओं की सप्रसंग व्याख्या -: यथा | करेंगे अर्थ - प्रश्न , उत्तर भाषा ,
| अर्थात् सभी पाठों में दी गई व्याकरण का भी अध्ययन करेंगे , अध्ययन
7. प्रश्न-2- स्त्री ' से लेकर पाठ ' नेता जी का चश्मा ' पाठ - शिक्षा के विरोधी कुतर्कों का
खंडन - शब्द -: यथा | तक का गहनता से अध्ययन करेंगे ' अर्थ - प्रश्न , उत्तर भाषा ,
| अर्थात् सभी पाठों की व्याकरण का भी अध्ययन करेंगे , अध्ययन
8. प्रश्न-3 , उपसर्ग , रचना के आधार पर वाक्य भेद , अलंकार , रस -प्रत्यय , तत्सम ,
| तद्भव आदि का गहनता से अध्ययन करेंगे
9. प्रश्न-4| एक औपचारिक और एक अनौपचारिक पत्र लिखने का अभ्यास करेंगे -
10. प्रश्न-5| दिए गए निबंधों को सुस्पष्ट लेखन में लिखने का प्रयास करेंगे -

कक्षा - दसवीं -स |

- वाक्यवाच्य के , समस्त भेदों के उदाहरण लिखो
- पांच पांच वाक्य बना कर वाक्य और वाच्य परिवर्तन कीजिये
- पद परिचय का एक उदाहरण लिखते हुए उसमें निहित समस्त पदों का पद परिचय लिखो
- पठित पाठों का अध्ययन करके स्त्री शिक्षा के विरोधी कुतर्कों का खंडन और राम लक्ष्मण परशुराम संवाद अध्यायों का सार अपने शब्दों में लिखो
- एक औपचारिक व एक अनौपचारिक पत्र लिखिए

Sub ENG

Class10abc

- Helen's contact with Doctor Bell raised her perception and understanding of the world. Comment.
- Helen's teacher took her across the tough road of her life. What role did she play in her success?
- Helen's struggle has become a source of inspiration for all less fortunate. Comment.
- The charges of plagiarism had shaken Helen's confidence and demoralized her. How did she regain her confidence in life?
- Who was Mr. Anagnos? How did he bring light into the dark life of Helen?
- Describe in your own words Helen's first Christmas after Miss Sullivan came to Tuscumbia
- How did Helen enjoy her visit to the World Fair?

- What role did Mr. Gilman play in Helen's life?

Sub Maths

CLASS X-A, X-B & X-C MATHEMATICS AUTUMN BREAK HOLIDAY HOMEWORK (2017-18)

General Instructions:

- Present your work neatly and as creatively as possible.
- The work should be hand written.



Q1. Revise all the chapters from 1 to 8.

Q2. Solve the pair of linear equation

$$x-7y=-42$$

$$x-3y=6 \quad \text{by all the methods.}$$

Q3. If α and β are zeroes of polynomial $f(x)=4x^2-6x+2$, then find the value of

(i) $\frac{\alpha^2}{\beta} + \frac{\beta^2}{\alpha}$

(ii) $\alpha^3 + \beta^3$

(iii) $\alpha^2 + \beta^2$

(iv) $\frac{\alpha}{\beta} + \frac{\beta}{\alpha}$

Q4. Write and learn all formulae and identities of trigonometry.

Q5. Find the values of trigonometric ratios of $30^\circ, 45^\circ, 60^\circ, 90^\circ$ and 0° with proof.

Q6. Find the roots of quadratic equation $2x^2-7x+3=0$ by all the methods.

Q7. Find the roots of $\frac{x-1}{x-2} + \frac{x-3}{x-4} = 3\frac{1}{3}$

Q8. If 8th term of an A.P. is zero. Prove that 38th term is triple of its 18th term.

Q9. Prove that the points (0,0) , (5,5) (-5,5) are vertices of an isosceles right angled triangle.

Q10. State and prove the Pythagoras theorem and its converse.

Sub SCIENCE

Bio

- .What are the advantage of sexual reproduction over asexual reproduction?**
- 2.Write the difference between regeneration and fragmentation.**
- 3.Explain the function of following part of female reproductive system.**
 - i)Ovary**
 - ii)fallopian tube**
 - iii)uterus**
- 4.What are the contraceptive method ?explain.**
- 5.Draw label diagram of nerve cell?**

Chemistry

Class-10 A,B,C (Chemistry)

1. Write difference between metal and non metal .
2. Explain the formation of NaCl,MgCl₂ and MgO.
3. Why is wafers made up of oil and fats packed in packets flushed with nitrogen gas.
4. Write the preparation of bleaching powder and plaster of paris.
5. Explain the term rancidity.
6. Why do nettle leaves cause irritation when it is touched.
7. Why is sodium kept in kerosene oil.
8. Explain the displacement reaction with examples.

Subject: Physics

Name of subject Teacher: Ajay Kumar Agarwal

1. Learn properly for periodic test
2. Draw magnetic field lines for

(i) Bar magnet

(ii) Current carrying solenoid

(iii) Circular current carrying coil or loop

(iv) Infinitely long straight current conductor

3. Draw labelled diagram of electric generator

4. Draw labelled diagram of electric motor

5. Draw circuit diagram of Ohm's law.

6. What are the laws of reflection?

7. What are the different types of mirrors and write their uses.

8. NCERT Q. No. 13 of chapter light.

9. NCERT Q. No. 14 of chapter light.

10. NCERT example 12.8 of chapter electricity.

11. NCERT example 12.11 of chapter electricity.

12. NCERT example 12.4 of chapter electricity.

13. Define 1 Volt.

14. Write any two differences between real and virtual image.

Sub SST

XA

Geography

1. Rain water harvesting diagram

History

Map skill :-Location of large-scale industries in India, 1931

Civics

Diagram:-Women in national parliament in different regions of the world.

Economics

1. GST

X B AND C

POLITICAL MAP FROM CHAPTERS 1,3,4,5(TOTAL 5)

SOLVE QUESTION FROM PREVIOUS YEAR QUESTION PAPERS(FROM PERIODIC TEST SYLLABUS).

LEARN PERIODIC TEST SYLLABUS

CHEMISTRY (CLASS : IX A , B , C)

1. Classify the following as physical or chemical changes .

(i) Melting of iron metal

(ii) Rusting of iron

(iii) Bending of an iron rod

(iv) Drawing a wire of iron metal

2. Classify the following as physical or chemical changes.

(i) Decaying of wood

(ii) Burning of wood

(iii) Sawing of wood

(iv) Hammering of a nail into a piece of wood.

3. Suggest separation technique(s) one would need to employ to separate the following mixtures.

(a) Mercury and water

(b) Potassium chloride and ammonium chloride

(c) Common salt, water and sand

(d) Kerosene oil, water and salt

4. Salt can be recovered from its solution by evaporation. Suggest some other technique for the same?

5. While diluting a solution of salt in water, a student by mistake added acetone (boiling point 56°C). What technique can be employed to get back the acetone? Justify your choice.

6. Explain why particles of a colloidal solution do not settle down when left undisturbed, while in the case of a suspension they do.

7. Smoke and fog both are aerosols. In what way are they different?

8. The teacher instructed three students 'A', 'B' and 'C' respectively to prepare a 50% (mass by volume) solution of sodium hydroxide (NaOH). 'A' dissolved 50g of NaOH in 100 mL of water, 'B' dissolved 50g of NaOH in 100g of water while 'C' dissolved 50g of NaOH in water to make 100 mL of solution. Which one of them has made the desired solution and why?

9. Fractional distillation is suitable for separation of miscible liquids with a boiling point difference of about 25 K or less. What part of fractional distillation apparatus makes it efficient and possess an advantage over a simple distillation process. Explain using a diagram.

10. Calculate the mass of sodium sulphate required to prepare its 20% (mass percent) solution in 100g of water?