

KENDRIYA VIDYALAYA VIKASPURI SHIFT 2
HOLIDAY HOME WORK SUMMER VACATION 2019

CLASS IX

ENGLISH

1. Story writing
2. Prepare a PPT on the following letters :-
 - a. Placing an order
 - b. Inquiry
 - c. Complaint
3. Write five Diary entries
4. Write a note on figure of speech.
5. Revision

HINDI

- 1 कोई दो संवाद योजना(दो लोगो की बातचीत)
- 2 तारीख के अनुसार डायरी लिखो(ग्रीष्म कालीन अवकाश)
- 3 उपसर्ग/प्रत्यय-25,25
- 4 समास- 6समासो मे प्रत्येक के पाँच पाँच उदाहरण एवं समास विग्रह
- 5 औपचारिक एवं अनौपचारिक पत्र- एक,एक

MATHS

CLASS 9TH A+B (MATHEMATICS)

1. give two irrational number between 2.3 & 2.4.
2. give two rational number between $\sqrt{2}$ and $\sqrt{3}$.
3. Give five rational numbers between $\frac{3}{4}$ and $\frac{4}{5}$.
4. Express in p/q form 1) 0.4.... (2) 2.34.... (3) 3.05....
5. Represent $\sqrt{5}$ on the number line.
6. Represent 3.625 on number line by successive magnifying.
7. Represent $\sqrt{8.3}$ geometrically.
8. Evaluate 1) $(27)^{-2/3}$ (2) $(64/25)^{-3/2}$.
9. If $27^3 = 9/3x$ find x.
10. Find the value of a and b if $5+2\sqrt{3}/7+4\sqrt{3}=a+b\sqrt{3}$.
11. If $x = 2+\sqrt{3}$ find the value of 1) $x+1/x$. (2) x^2+1/x^2 . (3) $\sqrt{x+1}/\sqrt{x}$.
12. Simplify $5 = \sqrt{2}/5 - \sqrt{2} - 5 - \sqrt{2}/5 + \sqrt{2}$.
13. If $x+1/x = \sqrt{5}$ find x^2+1/x^2 .
14. Find the following products.
1. $(3x+2y-z)^2$ 2. $(1/4a-1/2b+1)^2$.
15. if $a+b+c=9$ and $ab+bc+ca=40$ find the $a^2+b^2+c^2$.
16. if $a^2+b^2+c^2=250$ and $ab+bc+ca=3$ find $a+b+c$.
17. factorize each of the following by simplifying the middle term
(1) $x^2 + 3\sqrt{3}x+6$ (2) $x^2+3\sqrt{3}x-30$.

IX - C

1. Activity (construct the 'square root spiral')
2. Do all questions of ex-1.3, 1.4, 1.5, 2.2, 2.4 and 2.5

SCIENCE

- Learn Chapter 1 and 5
- Do practice of all the diagrams present in chapter 5 THE FUNDAMENTAL UNIT OF LIFE.
- Prepare a PowerPoint presentation on any chapter.
- Prepare a newsletter showing current happenings in the field of science.
- Complete the worksheets and paste them in H.w. copy.

SOCIAL SCIENCE

- 1 . Mark India and its neighboring countries on the world map.
- 2 Locate the following States in Political Map of India
 - a. Manipur
 - b. Chattisgarh HOLIDAY HOME WORK
 - c. Sikkim
 - d. Telengana
 - e. Goa
- 3 Make PPT on
 - Democratic forms of Government
 - Physical features of India
- 4 20-20 Very short answer from history ,Civics ,Geography and Economics (Chapter 2 and 3 of Each book)
- 5 Economic Survey of India (latest data in) Pictorial form
- 6 write the biography on hitler
- 7 Visit any historical place and write about it.

CLASS X

ENGLISH

1. Story writing
2. Prepare a PPT on the following letters :-
 - a. Placing an order
 - b. Inquiry
 - c. Complaint
3. Write five Diary entries
4. Write a note on figure of speech.
5. Revision

HINDI

- 1 अनेक के लिए एक शब्द (कोई पचास)
- 2 शब्द युग्म भिन्नार्थक शब्द(कोई पचास)
- 3 मुहावरे एवं लोकोक्तिया (10+10)
- 4 औपचारिक एवं अनौपचारिक पत्र - दो ,दो
- 5 कोई एक यात्रा व्रतांत

MATHS

CLASS 10TH A+C (MATHEMATICS)

1. GIVE TWO IRRATIONAL NUMBER BETWEEN 2.3 AND 2.4
2. GIVE TWO IRATIONAL NUMBER BETWEEN $\sqrt{2}$ AND $\sqrt{3}$
3. GIVE THE GENERAL FORM OF AN ODD AND ENEN INTEGERS
4. USING EUCLID 'S DIVISON LEMMA FIND HCF OF 126 AND 1078
5. IF $HCF [150, X] = 50A$ AND $LCM [150, X] = 300$ FIND THE VALUE OF X.
6. USING EUCLID 'S DIVISON LEMMA PROVE THAT THE SQUARE OF ANY +VE ODD INTEGER IN OF THE FORM $6M+1$ OR $6M+3$.
7. PROVE THE FOLLOWING NUMBERS ARE IRRATIONAL
 - 1) $\sqrt{5}$
 - 2) $3+\sqrt{5}$
 - 3) $\sqrt{5}+\sqrt{3}$
 - 4) $1\div\sqrt{3}$
8. Find the zeroes of polynomial and verify the rational between zeroes and coefficient
 - 1) $3x^2-5x+2$
 - 2) $5x^2+8x-4$

9. Form the quadratic polynomial whose zero are
 1. -3 and 4 2. $\sqrt{2}$ and $-\sqrt{2}$ 3. $2+\sqrt{3}$ and $2-\sqrt{3}$
10. Form of quadratic polynomial the sum and product of its zeros are : 1) 3 and $2 \div 5$ 2) $-\sqrt{2}$ and $\sqrt{3}$
11. On dividing the polynomial $4x^4-5x^3-39x^2-46x-2$ by the polynomial $g(x)$, the quotient is x^2-3x-5 and remainder is $-5x+8$, find $g(x)$.
12. find the all zeros of $2x^4-10x^3+5x^2+15x-12$ if two of its zeros are $-\sqrt{3} \div 2$ and $\sqrt{3} \div 2$.
13. solve the pair of equations $2x+3y=12$; $x-y=1$ graphically and shade the region between the two lines and x-axis .
14. show graphically that the pair of linear equation $3x-6y=15$ and $x-2y=5$ has infinitely many solution .
15. find the value of K for which the pair of equation infinitely many solutions $(k-3)x+3y=k$; $kx+ky=12$
16. solve the following pair of equations algebraically
 1) $3x \div 2 - 5y \div 3 = 2$; $x \div 3 + y \div 2 = 13 \div 6$
 2) $4x + 6y = 15$; $6x - 8/y$
 3) $x+y=2xy$; $x-y=6xy$
 4) $7/x + 8/y = 2$; $1/x + 6/y = 10$
17. if the numerator and denominator of a fraction are increased by 2 and 1 respectively It becomes $\frac{3}{4}$. If the numerator and denominator are decreased by 2 and 1 respectively it becomes $\frac{1}{2}$. Find the fraction.
18. A boat goes 30km upstream and 44km downstream in 10hr. it can go 40km upstream and 55km downstream in 13hr. determines the speed of boat in still water and speed of stream.

X - B

1. Activity – To obtain the condition for consistency of a system of linear equation into variable by graphical method.

2. Do all questions of ex-
1.1, 1.2, 1.3, 1.4, 2.2, 2.3, 3.2, 3.4, 3.5 and 3.6

SCIENCE

- Learn Chapter 1 and 6
- Do practice of all the diagrams present in chapter 6 Life processes.
- Prepare a PowerPoint presentation on any chapter.
- Prepare a newsletter showing current happenings in the field of science.
- Complete the worksheets and paste them in H.w. copy.

SOCIAL SCIENCE

Q.NO.-1. Locate and label the following on the Physical map of India:-

- Black Soil
- Alluvial Soil
- Laterite Soil
- Desert/Arid/Sandy Soil
- Forest/Mountainous Soil
- Red & Yellow Soil

Q.NO.-2. Assignment :-

Write five-2 short answer Questions with their answers from Lessons given in

Q.no.-4.

Q.NO.-3 Name & Paste the photographs of Following :-

- | | |
|--------------------------------|--------------------------------|
| i) President of India | v) Education Minister of India |
| ii) Prime Minister of India | vi) Home Minister of India |
| iii) Defense Minister of India | vii) Railway Minister of India |
| iv) Finance Minister of India | vi) Foreign Minister of India |

Q.NO.- 4. LEARNING:-

Learn and Revise the Following chapters:-

- History: - 1st –Nationalism in Europe
- Geography: - 1st –Resources & Development
- Economics: - 1st – Development
- Political: - 1st –Power Sharing

CLASS XII

ENGLISH

1. Revise all chapters/content taught upto 09/05/2019
2. Practice for ASL
3. Prepare content on 10 topic for Article/ Speech/ Debate
4. Revise all writing skill format taught in XI and XII
5. Do 5 Unseen reading Comprehension Passage in the register from the last 10 years sample paper
6. Converse in English with family and friends over summer to remove hesitation in speaking

PHY

Q.1 Make notes of RAY OPTICS in Home Work notebook.

Q.2 Solve 50 Questions of last 10years papers based on Unit - 1 ELECTROSTATICS and Unit - 2 CURRENT ELECTRICITY (In which it contain- 1,2,3 and 5 marks questions).

Q.3 Complete the following Practical in Practical File-

A. Plot V.I graph and find resistance per cm of a given wire using OHM's LAW.

B. To find the Specific Resistance of a given material using Metre BRIDGE.

C. To prove the combination of resistors in series and parallel using Metre Bridge.

D. To find the angle of minimum deviation using Prism by plotting a graph between angle of incidence and angle of deviation.

E. To find the resistance of a given galvanometer using Half Deflection method.

Q.4 Revise the SYLLABUS completed till yet for the forthcoming EXAMs.

CHEM

- DO AND LEARN ALL EXERCISES OF LESSON – SOLUTION AND ELECTROCHEMISTRY IN CLASS WORK NOTEBOOK

WRITE 5 PRACTICALS IN PRACTICAL FILE

MATHS

Chapter 1: Relations and functions

Example: 2, 3, 4, 5, 8, 15, 16, 17, 18, 23, 25, 26, 45

Chapter 2: Inverse Trigonometric functions

Example: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

Chapter 3: Matrices

Example: 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 18, 19, 20, 21, 22, 24

ACCOUNTS & BST

ACCOUNTS- SOLVE NUMERICALS OF ADMISSION OF PARTNER

BST- SOLVE CASE STUDY UP TO CHAPTER PLANNING

ECONOMICS

1. Do practice of all the numerical of National Income chapter (25 from each method of National Income).

2. Practice of all important questions of last 5 years CBSE question papers. (Papers provided) (ch1&2 Macroeconomics)

3. Project work given

HISTORY

1. COLLECTION OF MATERIALS FOR CBSE PROJECT WORK BY ALLOTTED GROUP
2. COMPLETION OF ALL RELATED ANSWERS UPTO CHAPTER TWO AND SUBMISSION IN ASSIGNMENT FILE
3. MAP SKILLS FOR FIRST TWO CHAPTERS
4. PREPARE ATLEAST 60 (30 FROM EACH CHAPTER) OBJECTIVE TYPE QUESTION AND WRITE ITS ANSWERS

COMPUTER SCIENCE

1. All questions given after lesson Python Revision Tour 1 and 2 to be solved

2. All programming questions to practice on Python IDE or Jupiter .(Screen shots including outputs to be sent to me on WhatsApp)
3. All questions after lesson Society ,Law and ethics to be solved .
4. All questions after Networking lessons to be solved.(Exclude the topics which are to be taught)
5. Preparation for class test on Networking.
6. Solve class test papers in assignment notebook.(Stick Question Paper)
7. Make a quiz based on different topics in cyber safety. (Use software like HotPotato)

IP

1. All questions after lesson Society , Law and ethics to be solved .
2. All programming questions in class 11 book (till lesson data frames) to be done on computer using Python IDE or Jupiter.(Screen shots to be sent to me on WhatsApp)
3. Class test paper to be solved. (Stick question paper in notebook)
4. Preperation for class test on software engineering.
5. 6 posters (1 each) cyber safety.

GEOGRAPHY

Q.NO.-1. Complete the map work as Prescribed by C.B.S.E. syllabus from the lessons given in the the Q.NO.- 4.

Q.NO.-2. **Assignment :-**

Write five-2 short answer Questions with their answers from Lessons given in Q.no.-4.

Q.NO.-3 **COMPLETE ANY ONE PROJECT FROM 03 TOPIC GIVEN FOR SOCIAL SCIENCE**

EXHIBITION -2019-20 :-

- i) Role of Women in the Social Development of the Paired state.
- ii) Religious Places of importance in the Paired state & country.;
- iii) Cultural Diversity of the Paired state & country.

State.....Jammu and Kashmir

Country.....Japan

Q.NO.- 4. **LEARNING & Completing Homework of following Chapters:-**

Lesson-1. Human Geography : Nature & Scope

Lesson-2. The World Population : Distribution, Density and Growth

Lesson-3. Population of Composition

Lesson-4. Human Development

Lesson-5. Migration : Types, causes and consequences

Q.NO.- 5 – Practicals :-

1.) Data - its source and compilation

THANKYOU