

KENDRIYA VIDYALAYA MORENA

HOLIDAYS HOMEWORK: SUMMER VACATIONS (2018 – 19)

Secondary Classes: Class VI TO Class X

Class VI: English

- 1) Make a poster on “CLEAN MORENA ,GREEN MORENA” or “BETI BACHAO ,BETI PADHAO”
On colourful paper and decorate it.
- 2) Draw a format of NOTICE WRITING on A4 size paper.

Class VI: Hindi

1. ग्रीष्म-कालीन भ्रमण वृतांत (200शब्द) ,
2. बाल-रामायण के दो अध्यायों में से 10 प्रश्न बनाकर उत्तर लिखना,
3. “वह चिड़िया जो” पाठ का सचित्र लेखन ,
4. पढाए गए पाठों को याद करना |

Class VI: Maths

1. Practice chapter-1&2 in a separate notebook.
2. Make a file on “National system of numeration and international system of numeration “ and differentiate prime number and composite number (1 to 100)

Class VI: Sanskrit

1. शब्दरूपाणि :
 - बालक/राम (पुँल्लिंगे)
 - बालिका/लता (स्त्रीलिंगे)
 - पुष्प (नपुंसकलिंगे)
2. धातुरूपाणि : पठ्, स्था
3. त्री-अध्यायानाम् शब्दार्थ लेखनम्
4. अभ्यास-प्रश्नानाम् अवधानम् |

Class VI: Science

Ch.1- food: where does it comes from

1. Learn question answers of the chapter from NCERT part-1 textbook.
2. Learn extra question answers of this chapter from your science notebook.
3. Drawing project- sketch a diagram to represent following food chain-
Producer (plants) → herbivores → carnivores → omnivores

Ch.2- components of food

1. Learn question answers of the chapter from NCERT part-1 textbook.
2. Learn extra question answers of this chapter from your science notebook.
3. Drawing project- draw a table to mention role of each nutrient of food.

Class VI: Social Science

- LEARN ALL THE CHAPTERS OF PERIODIC TEST 1 AND WRITE 2 TIMES.

Class VII: English

- 1) Write 10 Antonyms and 10 Synonyms and their use in sentence.
- 2) Make a poster on famous freedom fighter (any 1) and write few lines.

NOTE- Take A4 size colour sheets to do the homework.

Class VII: Hindi

1. ग्रीष्म-कालीन भ्रमण वृत्तांत (200शब्द) ,
2. "हम पंखी उन्मुक्त गगन के" पाठ का सचित्र लेखन ,
3. पढाए गए बाल-महाभारत के अध्यायों में से 10 प्रश्न बनाकर उत्तर लिखना ,
4. पढाए गए पाठों को याद करना |

Class VII: Maths

1. Practice chapter-1&2 in a separate notebook.
2. Make a table to find out the maximum & minimum temperature of different 10 cities and prepare a bar graph on it.

Class VII: Sanskrit

1. तत् शब्द त्रिषु लिंगेषु
2. मति शब्द लेखनम्
3. चर् धातु , कृ धातु सर्वेषु लकारेषु
4. "दुर्बुद्धिः विनश्यति" पाठस्य सचित्र लेखनम् |

Class VII: Science

1. Learn and write chapter 1 & 2.
2. Learn chapter 3 "Fibre to fabric".

Class VII: Social Science

1. Write minimum five words their meanings are different in the past and present except 'Hindustan' and 'Foreigner'.
2. Write the name of fundamental rights which is providing by Indian constitution with article & explain it.
3. What do you understand by Global warming, causes, Impact of global warming and how it controlled?
4. Paste an Indian Political Map in Home Work Copy and show on it name of all the state with their capitals.
5. Learn all text book questions of the following chapters-
 - Tracing Changes Through a thousand years
 - New Kings and Kingdoms
 - Environment
 - On Equality

Class VIII: English

- 1) Make a project on chapter TSUNAMI in scrap book .Write necessary details in about 7 to 8 pages .Paste relevant pictures and write the details.
- 2) Write a telephonic conversation between you and your friend on any topic (Make a colourful flash card)

Class VIII: Hindi

1. ग्रीष्म-कालीन भ्रमण वृतांत (200शब्द) ,
2. ध्वनि पाठ का सचित्र लेखन ,
3. "लाख की चुड़ियाँ" पाठ का सारांश (200 शब्द),
4. तीनों पाठों को याद करना |

Class VIII: Maths

1. Practice chapter-1&2 in a separate notebook.
2. Prepare a chart of square and square root of (1 to 25) numbers.

Class VIII: Sanskrit

1. अस्मद् , युष्मद् शब्द
2. यत् शब्द त्रिषु लिंगेषु
3. खाद् धातु सर्वेषु लकारेषु
4. "बिलस्य वाणी न कदापि मे श्रुता" सचित्र वर्णनम् |

Class VIII: Science

1. Collect information about
 - a. Importance of seed selection
 - b. Methods of irrigation
 - c. Effects of extreme cold, extreme hot weather and continuous rain on plants.
2. Make a chart of 5 plants diseases and 5 animal diseases, their causative agents and symptoms.
3. Write brief note on
 - a. Antibiotics
 - b. Antibodies
 - c. Vaccines
4. Which fabric is better to use, natural fabric or synthetic fabrics. Differentiate between the two.
5. Write a detailed note on the uses of metals and non-metals.
6. Draw diagrams:
 - a. Binary fission in amoeba
 - b. Budding in hydra
 - c. Plant cell and animal cell
 - d. Zones of a candle flame
 - e. Solar system
7. Learn chapter 1-4.

Note: Do all the questions in biology note book.

Class VIII: Social Science

- PREPARE COLLAGE RELATED TO SPORTS NEWS BETWEEN DATES 12MAY, 2018 TO 20 JUNE, 2018.

Class IX: English

- 1) Make a project file (scrap book) related to chapter "BISMILLAH KHAN "bharat ratna winner. Collect information of 5 bharat ratna winner in fields of:
 - 1) Education
 - 2) Sports
 - 3) Science and technology
 - 4) Entertainment
 - 5) Medicine.

Class IX: Hindi

Class IX: Maths

1. Practice chapter-1&2 in a separate notebook.
2. Prepare a chart to represent the irrational number (1 to 15) on the number line by spiral method

Class IX: Science

Physics:

1. Write three differences between distance and displacement.
2. Define non-uniform acceleration.
3. Abdul, while driving to school computes the average speed for his trip to be 20 km, on his return trip along the same route there is less traffic and the average speed is 40km/hr. what is the average speed for Abdul trip.
4. A bridge is 500m long. A 100 m long train crosses the bridge of the at a speed of 30m/s. find the time taken by train to cross it.
5. Can an object be accelerated, if it moving with constant speed. Justify your answer with an example.
6. All numerical problem of chapter 1(motion).

Chemistry:

Ch.1- matter in our surrounding

1. Learn question answers of the chapter from NCERT part-1 textbook.
2. Write answers of following questions in your chemistry notebook-
 - i. What is the difference between boiling and evaporation?
 - ii. What is boiling point?
 - iii. Why do we wear cotton clothes in summer?
 - iv. How a desert cooler does makes us feeling cool in summer days.
 - v. Explain interconversion of states of matter with a ray diagram.
3. Drawing project- draw a labelled diagram of sublimation of camphor.

Biology:

1. Draw diagrams of
 - a. Meristematic tissue
 - b. Parenchyma, collenchyma and sclerenchyma tissue
 - c. Xylem and phloem tissues
- a. Epithelium tissue
- b. Areolar and adipose tissues
- c. Muscular tissues
- d. Nervous tissues
2. Differentiate between
 - a. Meristematic and permanent tissue
 - b. Striated, unstriated and cardiac muscles
 - c. Areolar and adipose tissue
 - d. Parenchyma, collenchyma and sclerenchyma tissue
 - e. Bone and cartilage
 - f. Diffusion and osmosis
3. Complete in text and exercise Q/A of L-6 (Tissues)

4. Make a project on Plant kingdom OR Animal kingdom in separate folder.(minimum 10 pages)
5. Learn Lesson-5, 6

Note: Do ques-1, 2 and 3 in biology note book.

Class IX: Social Science

- IN INDIA'S POLITICAL & PHYSICAL MAP SHOW GIVEN BELOW-
NEIGHBOURS COUNTRIES OF INDIA
STATE WITH ITS CAPITAL
LOCATION OF INDIA
UNION TERRITORIES
RIVERS OF INDIA

Class X: English

1. You went on trip to a HILL STATION with your friends during summer vacation .Describe your experience in about 150-200 words.
2. Write an Article on" the importance of Discipline in life" in about 150-200 words.
3. As the narrator write a diary entry about your feelings when you discovered the true nature of the two gentleman of Verona .Express your happiness that even today selfless love exists and can bring joy to the distressed and sick people .
4. Develop a story using the given lines within 150-200 words:
"One Sunday I was watching TV, Suddenly I heard people shouting outside"
5. There has been an increase in the number of mosquito-borne diseases like Malaria and Dengue in your colony Using the ideas from the MAIN COURSE UNIT Health and your own ideas , Write a letter to the Editor of a national daily giving your analysis of the situation and suggestion to check the problem .(100-120 words)

Class X: Hindi

Class X: Maths

1. Write down all the formulae used in lessons Real numbers, Polynomials and Linear equation in two variables.
2. Solve 10 questions from each 3 lessons which is said as important for Examination.

Class X: Science

Physics:

1. Light enters from air to glass having refractive index 1.50.What is the speed of light in glass? The speed of light in vacuum is 3×10^8 m/s.
2. The absolute refractive index of glass and water are $\frac{4}{3}$ and $\frac{3}{2}$, respectively. If the speed of light in glass is 2×10^8 , calculate the speed of light in i). Vacuum ii). Water
3. What should be the position of an object with respect to focus of a convex lens of focal length 20cm, so that its real and magnified image is obtained? Draw a ray diagram to show the image formation?
4. Two lenses of power -2.5D and 1.5D are placed in contact. Find the total power of the combination of lenses. Calculate the focal length of this combination.
5. An object 1cm high produces a real image 1.5cm high when placed at a distance of 15cm from a concave mirror. Calculate the position of the image and the magnification.

6. Solve all questions of chapter "light reflection and refraction" from ncert textbook.

Chemistry:

Ch.1- chemical reactions and equations

Do write following extra questions in your chemistry notebook.

1. Write balanced chemical equations for following-
 - i. Aluminium reacts with iron oxide to give aluminium oxide and iron.
 - ii. Calcium carbonate decompose on heating
 - iii. Carbon di oxide is passes through lime water.
 - iv. Hydrogen combines with chlorine in presence of sunlight
 - v. Hydrogen combines with nitrogen to give ammonia gas.
2. Explain thermal decomposition reaction by giving suitable example.
3. Give reason-
 - i. A chemical reaction should be balanced. Why?
 - ii. Respiration is exothermic reaction.
4. Write a short note on-
 - i. Rancidity.
 - ii. Corrosion.
5. Revise chapter-1 complete from your chemistry notebook.

Biology:

1. Draw diagrams of
 - a. Human digestive system
 - b. Human respiratory system
 - c. Human heart
 - d. Human excretory system
 - e. Structure of nephron
 - f. Human brain
 - g. Reflex arc
 - h. Neuron and neuromuscular junction
2. Differentiate between
 - a. Autotrophic and heterotrophic nutrition
 - b. Photosynthesis and respiration
 - c. Arteries and veins
 - d. Blood and lymph
 - e. Xylem and phloem tissues
 - f. Systolic and diastolic pressure
 - g. Tropic and nastic movements
 - h. Reflex action and reflex arc.
3. Prepare a chart for different endocrine glands, their hormones and functions.
4. Write a detailed not on phytohormones and their functions.
5. Complete the exercise and in text questions of chapter 7 (control and coordination)
6. Learn chapter 6 and 7

Note: Do all the questions in biology note book.

Class X: Social Science

- MAKE AMAP BOOK RELATED TO ALL THE CHAPTERS GIVEN IN YOUR GEOGRAPHY BOOK.
- WRITE SHORT SUMMARY ON ALL MAPS.