

KENDRIYA VIDYALAYA INS KALINGA BHEEMUNIPATNAM

AUTUMN BREAK HOMEWORK 2021-22

CLASS 6

Subject 1: English

1. COMPLETE THE MDP WORK ASSIGNED
2. READ LESSON 6 & 7, FROM READER AND SUPPLEMENTARY READER
3. WRITE THE DIFFICULT WORDS FROM LESSON 6 & 7 AND LEARN THEM
4. READ MORAL STORIES FOR STORY NARRATION IN CLASS - SPEAKING ACTIVITY

Subject 2: Hindi

1. प्रकृति से जुड़ी एक कविता स्वयं लिखिए।
2. अपनी किसी भी यात्रा के अनुभवों या यादों को अपने शब्दों में लिखिए।

Subject 3: Sanskrit

- 1) संस्कृत में 1-100 तक गिनती याद करें एवं लिखें।
- 2) दैनिक जीवन से जुड़े 20 वस्तुओं के चित्र संकलित कर अपने नोटबुक में चिपकाए तथा उनके संस्कृत में नाम लिखें।

Subject 4: Maths

1. Insert commas suitably and write the name according to the Indian system.
1)9845670 2) 3904785
2. Estimate the following products using general rule
a) 578 X 161
b) 1291 X 592

Subject 5: Science (15 marks)

- 1) Multi disciplinary project (MDP) :
Topic: wastewater treatment plant

- Q: work function of sewage treatment plant
- 2) Read chapter-9,
(The Living Organisms characteristics and habitat)
And Write exercise question & answers

Subject 6 : Social Science

Project (MDP): - Topic: Water Pollution

Q:1 Report on how we can stop polluting water and start saving it.

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AUTUMN BREAK HOMEWORK 2021-22

CLASS -7

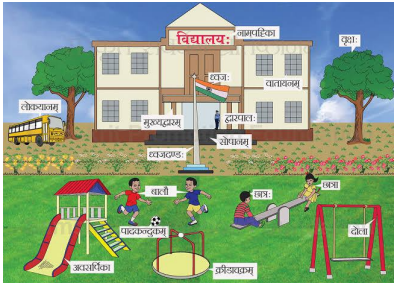
Subject 1: English

1. Write any two questions and answers from lesson 1,2,3
(total six questions and answers)
2. Write one poem of your choice.
Up load them in g suite

Subject 2: Hindi

1. झांसी की रानी लक्ष्मी बाई का जीवन परिचय लिखें?
2. जल के महत्व पर 10 पंक्तियां लिखें चित्र सहित, ?

Subject 3: Sanskrit





विद्यालय तथा पुस्तकालय का चित्र वर्णन करें? पांच वाक्य लिखे संस्कृत भाषा में।
Note- Do it in the subject enrichment Book.

Subject 4: Maths:

Find the mean of the first 10 natural numbers.
Arrange in ascending order $\frac{2}{9}$, $\frac{3}{5}$, $\frac{8}{21}$,
Write the Prime numbers below 100.

Subject 5: Science
SCIENCE

Term-1 Multi-Disciplinary Project for Midterm exam

1. Make posters regarding how to keep your surroundings clean?

- The response shows some evidence of the ability to apply health skills.
Effective intervention

Subject 6 : Social Science

Project (MDP): - Topic: Health & Hygiene

Q: 1 Write a report on Health and Hygiene with special Reference to role of the Government in Health.

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AUTUMN BREAK HOMEWORK 2021-22

CLASS -8

Subject 1: English

1. COMPLETE THE MDP WORK ASSIGNED TO YOU WITH CATCHY SLOGANS ON ENVIRONMENT, ALONG WITH PICTURES & DRAWINGS
2. READ LESSON 6 & 7 FROM READER AND SUPPLEMENTARY READER
3. WRITE THE DIFFICULT WORDS FROM THESE LESSONS AND LEARN THEIR SPELLINGS
4. ATTEMPT A SELF-COMPOSED POEM ON ANY TOPIC OF YOUR CHOICE
5. PREPARE A DIALOGUE BETWEEN 2 FRIENDS ON PRECAUTIONS & SAFETY IN PANDEMIC - SPEAKING ACTIVITY

Subject 2: Hindi

- 1.MDP कार्य - पर्यावरण संरक्षण पर स्वरचित कविता चित्र सहित गतिविधि नोटबुक में लिखिए।
2. सभी 10 पाठों का कक्षा कार्य, गृह कार्य व गतिविधि कार्य पूर्ण करें।

Subject 3: Sanskrit

१. पर्यावरण से संबंधित इस लोगों को संग्रहित करें तथा चित्र बनाएं?
२. माता कथा मुनि शब्द के रूप लिखें।
३. संस्कृत में पढ़ाये गए दोनों पाठ के प्रश्न उत्तर तथा अभ्यास को अपने नोटबुक में लिखकर उसे याद करना।

Subject 4: Maths

1. Construct a rhombus whose diagonals are 5.2 cm and 6.4 cm
2. Find the square root of 169 by the method of repeated subtractions

Subject 5: Science

.PROJECT WORK.

- 1.COLLECT THE ANY FIVE NATURAL FIBRES AND SYNTHETIC FIBRES AND AFFIX ON THE A4 SHEET.
- 2.)DRAW THE DIAGRAM OF MODERN IRRIGATION SYSTEMS.

3) DRAW THE DIAGRAM OF OIL REFINERY, AND WRITE THE CONSTITUENTS OF PETROLEUM CRUDE OIL.

4) SMALL PROJECT ON BIRD MIGRATION.

Subject 6: Social Science

Project (MDP): - Topic: Environment

Q:1. Make a table with the data of the climate of the 6th different city (Temperature in celsius and annual Rainfall in cm) then describe that through Pi-char

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AUTUMN BREAK HOMEWORK 2021-22

CLASS -9

Subject 1: English

1. PREPARE A POSTER ON GIRL CHILD EDUCATION
2. READ ALL THE LESSONS AND POEMS FROM TERM 1 SYLLABUS AND REVISE FOR TERM 1 FINAL EXAM
3. SOLVE THE WORKSHEET AS PER CBSE PATTERN WITH MCQ, WHICH WILL BE POSTED IN GSUITE ON UNSEEN READING PASSAGES AND WRITING SKILLS

Subject 2: Hindi

1. कक्षा कार्य गृह कार्य भाग गतिविधि कार्य पूर्ण करे।
2. अपने पास के पार्क में पेड़ पौधे लगाने के लिए नगर पालिका को पत्र लिखिए।
3. पर्यावरण संरक्षण पर अनुच्छेद लिखिए गतिविधि नोटबुक में।
4. अर्थ की दृष्टि से ध्यान रखते हुए पांच वाक्य बनाइए।

Subject 3: Sanskrit

2) मातृभूमिं प्रति प्रेमः, त्यागस्य, आत्मोत्सर्गस्य, सर्वस्वार्पणस्य च नैके समुज्ज्वलाः पृष्ठाः राजस्थानस्य इतिहासे मिलन्ति परन्तु 'रातीघाटी' नामकस्य युद्धस्य उल्लेखः राजस्थानस्य इतिहासे लुप्तप्रायः वर्तते। बादशाह बाबर इत्यस्य पुत्रः (हुमायूँ इत्यस्य अनुजः) कामरानः बीकानेरस्य राजा राव जैतसौ च इत्यनयोः द्वयोः मध्ये बीकानेरे घटितं महत्युद्धं भारतीय-शौर्यस्य गौरवशालिनी कथा अस्ति। अस्य युद्धस्य तिथिः 26 ओक्टोबर 1534 ए. डी. इत्यस्ति। भारतं जेतुम् लाहोरात् आगतः कामरानः पलायितः। तस्य शिरस्त्राणं (मुकुटम्) मध्येमा 'छोटडिया' ग्रामे पतितम्। अद्यापि तन्मुकुटम् तद्ग्रामे सुरक्षितम् अस्ति। अस्य रातीघाटी-युद्धस्य किञ्चिद् विस्तृत वर्णनं 'बीठू सूजा' इत्यनेन रचिते 'छन्द राव जैतसौ रो' इत्यस्मिन् ग्रन्थे वर्तते। अस्य च ग्रन्थस्य धारं डॉ. एली. पी. टैस्सोटोरी अकरोत्।

(मातृभूमि के प्रति प्रेम, त्याग, आत्मबलिदान और सर्वस्व अर्पण के अनेक उज्ज्वल पन्ने राजस्थान के इतिहास में मिलते हैं परन्तु 'रातीघाटी' नामक युद्ध का उल्लेख राजस्थान के इतिहास में लुप्तप्राय है। बादशाह बाबर इसका

बेटा (हूमायूँ इसका छोटा भाई) कामरान और बीकानेर का राजा राव जैतसी, इन दोनों के मध्य बीकानेर में घटित महायुद्ध भारतीय शौर्य की गौरवमयी कथा है। इस युद्ध की तिथि 26 अक्टूबर 1534 ए. डी. है ।

प्रश्ना :

1. अस्य अनुच्छेदस्य समीचीन शीर्षकं लिखन्तु । (इस गद्यांश का उचित शीर्षक लिखें।)

उत्तरम्:

2. रातीघाटी युद्धं कयोः द्वयोः मध्येऽभवत् ? (रातीघाटी युद्ध कौन दो के मध्य हुआ?)

उत्तरम्:

2. पत्र लेखनम्

सुकन्या कोलकातानगरे छात्रावासे निवसति। सा विद्यालयतः शैक्षिकभ्रमणाय भुवनेश्वरं गन्तुम् इच्छति। एतदर्थम् अनुमतिं राशिं च प्राप्तुं सा नवदिल्लीस्थं पितरं प्रति पत्रम् एकं लिखति। मञ्जूषातः पदानि विचित्य पत्रे रिक्तस्थानानि पूरयन्तु।

छात्रावासः

राजकीयः विद्यालयः

(i) _____

तिथिः 25-2-20XX

माननीयाः (ii) _____,

सादरं प्रणमामि।

भवतः पत्रं प्राप्तम्। मम (iii) _____ परीक्षा समाप्ता। परीक्षापत्राणि अतिशोभनानि जातानि। यावत्

परीक्षापरिणामः न आगच्छति तावत् आगामिमासस्य प्रथमसप्ताहे (iv) _____ विद्यालयस्य अध्यापिकाः

अस्मान् शैक्षिक भ्रमणाय (v) _____ नेष्यन्ति। अहम् अपि ताभिः (vi) _____ गन्तुम् इच्छामि।

एतदर्थम् मया कक्षाध्यापिकायै (vii) _____ रूप्यकाणि दातव्यानि सन्ति। अतः यदि अनुमतिः

(viii) _____ तर्हि अहम् अपि गच्छेयम्। ज्ञानवर्धनार्थम् एतत् अतिरिच्य अवसरं च पश्यामि। अतः कृपया

उपर्युक्तां राशिं प्रेषयित्वा माम् अनुगृहीतां कुर्वन्तु।

सर्वेभ्यः मम (ix) _____ निवेदनीयाः।

भवतां प्रिया (x) _____

सुकन्या

(मञ्जूषाः- प्रणामाः, सह, कोलकातातः, स्यात्, पञ्चशतम्, पितृवर्याः, 110019, भुवनेश्वरम्, प्रथमसत्रीया, मम, पुत्री)

3. कार्य पत्रक को गूगल क्लासरूम में अपलोड करें।

Subject 4: Maths

1. The angles of the quadrilateral are in the ratio of 3:5:9:13 Find the angles.
2. Write the congruence rules
3. Visualize 3.765 on the number line.

Subject 5: Science

I. PHYSICS: - GRAVITATION 10 MARKS

- 1) STATE NEWTON'S UNIVERSAL GRAVITATION LAW. WRITE ITS MATHEMATICAL FORMULA. 2M
- 2) DEFINE ACCELERATION DUE TO GRAVITY. WRITE ITS EQUATION. 2M
- 3) WRITE ANY TWO DIFFERENCE BETWEEN G AND g. 2M
- 4) DERIVE A RELATION BETWEEN G AND g. 2M
- 5) CALCULATE THE VALUE OF g on the surface of the earth. 2M

Chemistry: STRUCTURE OF THE ATOM (10 MARKS)

- 1) Explain the Bohr's model of the atom (3M)
- 2) Explain Rutherford's alpha scattering experiment (3M)
- 3) Define atomic number and mass number (2M)
- 4) write the electronic configuration of chromium and copper (2M)

Biology Holidays home work.

PROJECT WORK.

- 1)DESCRIBE THE GENERAL CHARACTERS OF BIRDS.
- 2)DESCRIBE THE GENERAL CHARACTERS OF FISHES.
- 3)WRITE THE GENERAL CHARACTERS OF MAMMALS.

Subject 6: Social Science

Project: - Topic: National vegetation and wild life

Subject 7: Artificial Intelligence

- 1.Complete the Practical Files activities.
2. Write the difference between Rule Based Model and Learning Based Model.
3. Give the example of a problem by using the Decision Tree Model

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AUTUMN BREAK HOMEWORK 2021-22

CLASS -10

Subject 1: English

1. READ ALL THE LESSONS AND POEMS FROM TERM 1 PORTION AND REVISE FOR TERM 1 BOARD EXAM
2. READ THE STUDY MATERIAL ON TERM 1 PORTION PROVIDED TO YOU FOR EFFECTIVE REVISION FOR TERM END EXAM
3. ANSWER THE WORKSHEET WHICH WILL BE POSTED IN GSUITE CLASS ON UNSEEN READING PASSAGE AND WRITING SKILL
4. ANSWER THE PRE-BOARD PAPER FOR REVISION

Subject 2: Hindi

1. रचना के आधार पर वाक्य भेद को ध्यान में रखते हुए पांच वाक्य बनाइए।
2. प्लास्टिक के प्रयोग से कैसे बचा जा सकता है अनुच्छेद लिखते हुए 5 सुझाव दीजिए।
3. आपने खेल के सामान की एक दुकान खोली है उसके प्रचार के लिए एक विज्ञापन तैयार कीजिए।
4. केस स्टडी प्रश्न आपके क्षेत्र में दशहरे का त्यौहार किस प्रकार मनाया जाता है उसकी जानकारी एकत्रित करके लिखिए।
5. प्री बोर्ड परीक्षा के सभी प्रश्नों का उत्तर अपने नोटबुक में लिखें।

Subject 3: Sanskrit

१. प्री बोर्ड परीक्षा के सभी प्रश्नों के उत्तर अपनी गतिविधि पुस्तक(sub enrichment) में लिखें?
२. प्रथम सत्र के सभी पाठों का अध्ययन करें।
३. परियोजना कार्य पूर्ण करें।
४. कार्य पत्रक गूगल क्लासरूम में अपलोड करें।

Subject 4: Maths

WORK SHEET 7 FROM 9 OCT TO 14 OCT
WORK SHEET 8 FROM 16 OCT 20 OCT
ANSWER ALL MCQ QUESTIONS
TERM 1 SYLLABUS

Subject 5: Science

I. PHYSICS:- 10 MARKS

- 1) DEFINE OHM'S LAW. DRAW ITS GRAPH. 2 M
- 2) DEFINE CONDUCTORS. GIVE TWO EXAMPLES. 2M.
- 3) DEFINE RESISTANCE. WRITE ITS SI UNIT. 2M
- 4) DEFINE RESISTORS. GIVE TWO EXAMPLES. .2M
- 5) DEFINE CURRENT. WRITE ITS SI UNIT. 2M

CHEMISTRY : 15 MARKS

- 1) What do mean by a precipitation reaction? Give one example (2M)
- 2) What is a neutralisation reaction ? give one example (2M)
- 3) Write the uses of bleaching powder and washing soda (2M)
- 4) What are the amphoteric oxides ? give two examples (2M)
- 5) Write the physical properties of metals (2M)

- 6) Explain an activity How do metal carbonates and metal hydrogen carbonates with acids(5M)

- BIOLOGY.1) DRAW THE STRUCTURE OF HUMAN HEART WITH NEAT LABELLING.
2) DRAW THE STRUCTURE OF T.S OF LEAF..
3) DESCRIBE THE STRUCTURE OF HUMAN DIGESTIVE SYSTEM.
4) DESCRIBE THE EXCRETION METHOD IN PLANTS.
5)DIFFERENTIATE BETWEEN LYMPH AND BLOOD.

Subject 6: Social Science

Project:- Topic : Manufacturing Industries

Subject 7: Information Technology

1. Complete the Practical Files Activities.
2. Complete your Notebook.

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AUTUMN BREAK HOMEWORK 2021-22

CLASS -11

Subject 1: English

1. ANSWERING MCQ PRACTICE PAPER/WORK SHEET-1(LESSONS)
2. ANSWERING MCQ PRACTICE PAPER/WORK SHEET-2 (POEMS)
3. STUDENTS TO WRITE THE Q.NO AND THE ALPHABET OF THE OPTION
(NO NEED TO WRITE THE ENTIRE QUESTION OR THE ANSWER)
THEY WILL UPLOAD IN G SUITE ONLY

Subject 2: Hindi

- 1.जनसंचार के पांच स्रोतों का वर्णन करें चित्र सहित।
2. कबीर वर्तमान में क्यों प्रासंगिक है अपने विचार लिखिए।
3. अपने पसंद से 10 शब्द छठ कर उन्हें शब्दकोश के क्रम में लगाइए।
4. पानी बचाओ विषय पर अपनी पसंद से चित्र सहित एक कविता लिखिए।

Subject 3: Physics

MOTION IN STRAIGHT LINE –(Two mark questions)

1. Distinguish between distance and displacement.
2. Draw the position - time graph for an object (i) at rest (ii) with uniform motion. 3. Draw the position - time graph for an object (a) moving with positive velocity and (b) moving with negative velocity.
4. Draw position - time graph for motion with (a) positive acceleration (b) negative acceleration (c) zero acceleration.
5. Draw velocity - time graphs for motion in (a) positive direction with positive acceleration (b) negative direction with negative acceleration.
6. Find the velocity of the particle for the time interval $t = 5$ to $t = 10$ s from the following graph.
7. The displacement (in metre) of a particle moving along x - axis given by
 $x = 20t + 10t^2$. Calculate the instantaneous velocity at $t = 2$ s.
8. A ball is thrown vertically upward and it reaches a height of 90 m. Find the velocity with which it was thrown.
9. Define relative velocity with an example.
10. A car travels with a uniform velocity of 20 ms^{-1} . The driver applies the brakes and the car comes to rest in 10 second. Calculate the retardation.

Subject 4: Maths

WORK SHEET 2

DURING HOLIDAYS

SOLVE MCQ QUESTIONS IN THE MONTHLY TEST BOOK

Subject 5: Chemistry 20 Marks

- 1) Explain the law of multiple proportions with an example (2M)
- 2) Write Postulates of Dalton's atomic theory.(2M)
- 3) Calculate the molecular mass of $\text{C}_{12}\text{H}_{22}\text{O}_{11}$, H_2SO_4 , (2M)

- 4) State Avogadro's law and define molarity (2M)
- 5) Define "atomic mass unit (amu)" and "Mole" (2M)
- 6) Explain Rutherford's alpha scattering experiment (5M)
- 7) Write the characteristic properties of cathode rays (5M)

Subject 6: Biology

- 1) WRITE THE GENERAL CHARACTERS OF FUNGI, AND CLASSIFICATION.
- 2) WRITE THE CRITERIA FOR THE CLASSIFICATION OF FUNGI.
- 3) WRITE THE ECONOMIC IMPORTANCE OF ALGAE.
- 4) WRITE THE GENERAL CHARACTERS OF PLANT
- 5) WRITE THE GENERAL CHARACTERS OF ANIMALS.

Subject 7: Computer Science

Instruction: Write the answers in the Subject Notebook.

- Q1. Write a brief history of Python Programming Language.
- Q2. Short Notes on Anaconda Software?
- Q3. Difference between PIP and CONDA environment manager?
- Q4. Explain the features of Python IDLE?

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AUTUMN BREAK HOMEWORK 2021-22

CLASS -12

Subject 1: English

ANSWERING MCQ PRACTICE PAPER/WORK SHEET-1(LESSONS)
ANSWERING MCQ PRACTICE PAPER/WORK SHEET-2 (POEMS)
STUDENTS TO WRITE THE Q.NO AND THE ALPHABET OF THE OPTION
(NO NEED TO WRITE THE ENTIRE QUESTION OR THE ANSWER)
THEY WILL UPLOAD IN G SUITE ONLY

Subject 2: Hindi

हिंदी परियोजना कार्य पूर्ण करें | सभी विद्यार्थियों को उनके नाम के साथ परियोजना कार्य विषय दिया जा रहा है-
परियोजना के विषय निम्न प्रकार हैं-

दिव्या: - हमारे जीवन में शिक्षा का महत्व

धनलक्ष्मी : ग्रामीण परिवेश में स्त्री जीवन और भक्तिन

इंदुमती - जनसंचार :- विभिन्न माध्यमों के लिए लेखन

आश्रिता : बाजारी करण और नेतिक मूल्य

सोनालिका: - कोविड महामारी में मानवीय मूल्य धरातल पर
प्रिया व धन्यमालाश्री - जनसंचार

Subject 3: Physics

I. DRAW THE FOLLOWING RAY DIAGRAMS AND SUBMIT IN G CLASSROOM (10 MARK)

- 1) SIMPLE MICROSCOPE
- 2) COMPOUND MICROSCOPE
- 3) ASTRONOMICAL TELESCOPE AT LDDV
- 4) ASTRONOMICAL TELESCOPE IMAGE IS AT INFINITY
- 5) REFLECTING TELESCOPE

II. DERIVE THE RELATION BETWEEN U,V,F AND R IN CASE OF CONVEX REFRACTING SURFACE. (5 MARK)

III. DERIVE LENS MAKERS FORMULA. (5 MARK)

IV. DERIVE THE EQUATION FOR REFRACTIVE INDEX USING GLASS PRISM. (5 MARK)

Subject 4: Maths

WORK SHEET 10 FROM 9 OCT TO 14 OCT

WORK SHEET 11 FROM 16 TO 20 OCT

EACH WORK SHEET CONSISTS 50 MCQ

ANSWER ALL THE QUESTIONS

Subject 5: Chemistry , 25 marks

1. Explain Schottky defect and Frenkel defect with suitable example (5M)
2. Explain the Bi molecular nucleophilic substitution reaction (SN2) (5M)
3. What is semiconductor? Describe the two main types of semiconductors and contrast their conduction mechanism (5M)
4. State Henry's law, and write any two applications of Henry's law (2M)
5. What is Kolbe reaction, write its equation (2M)
6. What is Reimer-Tiemann reaction, write its equation (2M)
7. What happens when D-Glucose reacts with HI and Bromine water write its equation (2M)

8. Calculate the amount of benzoic acid (C_6H_5COOH) required for preparing 250 ml of 0.15M of solution in Methanol (CH_3OH) (2M)

Subject 6: Biology

- 1) WRITE THE MENDALIAN DISORDERS,
- 2) WRITE THE CHROMOSOMAL DISORDERS
- 3)WRITE THE APPLICATIONS OF DNA FINGERPRINTING.
- 4) WHAT ARE THE GOALS OF HUMAN GENOME PROJECT.

Subject 7: Computer Science

Complete the Project allotted to you and the project file
Also prepare a presentation on your project Topic. After the holiday we have a presentation regarding your project .In the presentation you have to show the idea, Project File along with the running software. Presentations will be given groupwise. You have also to submit the Practical and Final Project File in hard copy on **24/10/2021**.