



LOYOLA CONVENT SCHOOL
RANCHI, JHARKHAND
SESSION-2024-25
SUMMER VACATION HOLIDAY HOMEWORK
CLASS-IX

ENGLISH LANGUAGE & LITERATURE (184)

BOOKS PRESCRIBED

1. Together With (Pullout sheets)

Do Unit - 1 to 4, 17, 18, 20, 21, 33, 34, 51, 52, 73, & 89.

WORDS & EXPRESSION (Work Book)

Project Work: Do the given project of pg no 37.

● Read any one book from the following list and write a book review on it (200 words)

i) **Untouchables** by Mulk Raj Anand (ii) **The Gift of Magi** by O Henry (iii) **A Suitable Boy** by Vikram Seth

HINDI COURSE-A (002)

- निम्नलिखित में से किसी एक विषय पर अनुच्छेद लेखन लिखें-(क) एक सच्चा मित्र वही है जो आपको सदैव मंगलकारी कार्यों हेतु प्रेरित करें,आपके गुणों को बताए और अवगुणों को सुधारने हेतु प्रेरित करें। आपके अनुसार एक सच्चे मित्र में किन विशेषताओं का होना आवश्यक है?लिखिए।
(ख) बचपन की मधुर स्मृतियाँ मनुष्य के हृदय में अंकित हो जाती हैं।उन मधुर स्मृतियों की याद आते ही हृदय अनोखे आनंद से भर जाता है और मुँह से अपने-आप ये शब्द निकल आते हैं“काश,वे दिन फिर लौट आते!”अपने बचपन की उन आनंदमय बातों कावर्णन कीजिए,जिन्हें आप आज भी याद करते हैं।(ग) ‘ऊँचे लक्ष्य कोप्राप्त करने के लिए माता-पिता तथा अध्यापकों द्वारा बच्चों पर डाला जाने वाला दबाव अनुचित है’।विषय के पक्ष या विपक्ष में अपने विचार लिखिए।
- उपसर्ग और प्रत्यय से बनने वाले दस-दस शब्दों की सूची बनाए।
- हिन्दी के विकास में योगदान देने वाले कवियों और लेखकों की एक सूचीउनके चित्रएवंपरिचय सहित तैयार करें। (अन्ततः पाँच)
- “डायरी खो गई है”इस पर अपने विद्यालय के विद्यार्थियों को सूचित करते हुए सूचना पत्र लिखें।
- गर्मियों की छुट्टियोंमें आप की दिनचर्या क्या रही,अपने बुआ जी को पत्र लिखकर बताएं।
- यशपाल जैन की कहानीयों**
1) महायज्ञ का पुरस्कार 2) धीरज का फल 3) तोड़ो नहीं जोड़ो
को पढ़े और किसी एक की समीक्षा करे

SANSKRIT (122)

1. परियोजना कार्य : विषय:- शब्दरूप लेखन

शब्द :- 1.छात्र, 2. लता, 3. मुनि, 4. साधु, 5. किम् 6. तत 7. अस्मद, 8. युष्मद, 9. नदी, 10. पितृ

आधार बिंदु - 1. विषय 2. आभार ज्ञापन 3. विषय सूची 4. उद्देश्य

5. स्रोत 6. प्रमाण पत्र 7. अध्यापक टिप्पणी

2. टुगेदर विद पुस्तकात प्रश्न पत्र 1-5 अपठित अवबोधनं पुस्तिकायाम एव कुरुता

MATHEMATICS

1. Write all the formulas of laws of exponents and algebraic identities on colourful A4 sheets and paste it in the Notebook.

2. Do Activity 1 to 6 in your Maths Lab Manual.

3. Solve -

RS Aggarwal Book

● Ex - 1 A ; Q - 5, 8 ● Ex - 1 B ; Q - 4, 5 ● Ex - 1 C ; Q - 4, 9 ● Ex - 1 D ; Q - 5, 8

● Ex - 1 E ; Q - 2, 4, 6, 7 ● Ex - 1 F ; Q - 2, 4, 12, 23 ● Ex - 1 G ; Q - 10, 14, 15

MCQ - Q - 76 to 81 (Ch - 1)

● Ex - 2 B ; Q - 2, 5, 9 ● Ex - 2 C ; Q - 13, 14, 16 ● Ex - 2 D ; Q - 11, 12, 14, 19, 22

MCQ - Q - 9,10, 13, 21, 25, 28, 29, 30

Make separate formula copy ,write all formula for future purpose.

PHYSICS

1. Prove three equations of motion graphically. Use graph paper for drawing graph.
2. Prove it using an experiment that the buoyant force experienced by an object partially or fully submerged in a fluid is equal in magnitude to the force of gravity on the displaced fluid.
3. Write Experiment No. - 2 and 3 in Physics Lab Manual.
4. Write the contributions of the following scientists in the field of Physics : (200 words for each)
A. Sir Issac Newton B. Albert Einstein C. Galileo Galilei D. Blaise Pascal

CHEMISTRY

1. Look at five things in your home. Write their chemical name as well as chemical formulas.
2. While visiting your grandparent's home you found that water bodies have been dried up. Write and explain the phenomenon behind it.
3. Why do some solids sublimes? Give the reason.
4. Define Evaporation. Write all the factors of it along with examples.
5. Write first twenty elements of period table with their symbols and valencies.
6. Write short notes on Plasma state and Bose- Einstein condensate .Give examples.
7. Write the contribution of John Dalton and Rutherford in the field of chemistry.
8. Write down names of five elements and five compounds in your surroundings.

BIOLOGY

- 1) On a half chart paper make the following diagrams roll no wise. Also prepare a PPT and attach the printout along with the chart paper.

Roll No.	Topic
1-10	Microscope
11-20	Plant Cell
21-30	Animal Cell
31-40	Mitochondria
41-50	Nucleus + Chromosome
51-60	ER

- 2) Do NCERT exemplar MCQ - question numbers 1 to 14.
- 3) Write 5 examples of diffusion and osmosis in details.
- 4) Activity Work:
Select a small area (say 1 m²) near a water body. It may be a river, stream, lake, or pond. Count the number of different animals and plants in this area. Also check the number of individuals of each type or species. Compare this with the number of individuals (both animals and plants) found in an area of the same size in a dry Rocky region. Is the variety of plant and animal life the same in both these areas? Record your observation.

HISTORY/GEOGRAPHY

1. Prepare an interdisciplinary project work on 'Forest and wildlife- its importance and protection.'
2. Write about Louis xvi under the heading:- Childhood, Education and Political life.
3. On the outline map of India label the three ranges of Himalayas and mark major peaks.
4. Explain about the northern plain of India as the grainary of the country.
5. How can u contribute for checking of the environmental pollution?

CIVICS

1. Make a comic caricature depicting current Political upheaval in the Country with reference to 2024 lok Sabha Election.
2. Write an essay on Election Commission Of India and it's surveillance in 2024 Lok Sabha Election to make it Democratic.

ECONOMICS

1. Go through the Election Manifesto of Two National Parties and Two Regional Parties and write down their planning for introducing new welfare schemes for Economic development after winning the 2024 lok Sabha Election.

INFORMATION TECHNOLOGY

On a chart paper draw the different types of sectors where the IT is implemented.
Some of the examples are:

1. Education
2. BPO
3. Healthcare
4. Criminal identification
5. Communication



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SUMMER VACATION HOLIDAY HOMEWORK
CLASS-X

ENGLISH LANGUAGE & LITERATURE (184)

I. Together with textbook-Unit Assignment 1,2,(Reading Skill-Discursive)
Unit Assignment-10 ,11(Reading Skill-Case based passage)
Unit Assignment-17,18,27,28,36,37,46,47(Creative Writing Skills with Grammar)
Unit Assignment-54,55,66,67,76,77(Literature)

II. Project work-pg no 15 of Workbook-(Should be done in a stick file in a proper manner with pictures and write – up)

You may have come across some people in your neighbourhood who might have inspired you with their actions. Talk to them about-

- Their childhood, their education, job, their likes and dislikes
- their contribution to the enrichment of their village or town, job, country, etc
- Their interesting features and characteristics

Request for the pictures and based on the collected information, write their portraits and present it to the class. You can include ur own ideas and creativeness .Do the project properly with index, acknowledgement, certificate and bibliography etc.

HINDI COURSE-A (002)

1. परियोजना कार्य

विषय:- "परीक्षा पर चर्चा"

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|---------------------------------|----------------------------------|-----------------------|
| 1. भूमिका:- क्या है, क्यों है | 2. परीक्षा के नाम से भय क्यों? | 3. परीक्षा का महत्त्व |
| 4. पर्याप्त तैयारी | 5. प्रश्न पत्र और विविध मनोदशाएं | 6. आपका सुझाव |
| 7. परीक्षा का व्यक्ति पर प्रभाव | 8. चर्चा के लाभ | |

परियोजना कार्य आधार बिंदु

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|-------------------|---------------------|--------------|----------------|---------------------|
| 1. विषय | 2. आभार ज्ञापन | 3. विषय सूची | 4. उद्देश्य | 5. विषय विवरण |
| 6. साक्ष्य संग्रह | 7. अध्ययन का परिणाम | 8. स्रोत | 9. प्रमाण पत्र | 10. अध्यापक टिप्पणी |

SANSKRIT (122)

1. परियोजना कार्य

विषय:- समय लेखनम,

....संधि कार्य(व्यंजन, विसर्ग) 20-20 शब्दाः

परियोजना कार्य आधार बिंदु

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|-------------------|----------------|----------------|--------------------|---------------|
| 1. विषय | 2. आभार ज्ञापन | 3. विषय सूची | 4. उद्देश्य | 5. विषय विवरण |
| 6. साक्ष्य संग्रह | 7. स्रोत | 8. प्रमाण पत्र | 9. अध्यापक टिप्पणी | |
2. "अभ्यासवान भव " संस्कृत पुस्तिकायाम् अपठित अवबोधनम 1- 5
चित्र लेखनम 1- 5 कुरुत

MATHEMATICS

1. Write all the formulas of Polynomials (Quadratic and Cubic Both); Trigonometric Ratios and Values of Trigonometric Ratios (0° to 90°) on colourful A4 sheets and paste it in the Notebook.
2. Do Activity 1, 2, 4 and 5 in your Maths Lab Manual.
3. Solve - *RS Aggarwal Book*
- Ex - 1 A ; Q - 5, 8, 11
 - Ex - 1 B ; Q - 4, 5, 13, 18, 23
 - Ex - 1 C ; Q - 3
 - Ex - 1 D ; Q - 4, 5, 8, 9, 14
 - Ex - 1 E ; Q - 2, 4, 6, 10, 11

