LOYOLA CONVENT SCHOOL

Vidyalaya Marg, Dumardaga, Buty, Ranchi
Session-2022-23
Holiday Homework of Durga Puja & Deepawali
Class-IX

ENGLISH

1. VIVA SMARTSCORE:
2. Module 1- HW assignment 7 &8.
3. Module 4(Diary Entry) HW Assignment - 5 & 6.
4. Module 5 (Short story) HW Assignment 2 & 3.

HINDI

1. संचार से क्या समझते हैं? संचार के प्रकार एवं विशेषताएँ बताते हु इ इंटरनेट के हानि तथा लाभ पर 200 शब्दों में अनुच्छेद लिखें।

2. २००, उत्प्रेक्षा, तथा उपमा अलंकार के पाँच पाँच उदाहरण देते हुए प्रत्येक अलंकार को उदाहरण सहित समझाइए |

3. साइबर युग, साइबर ठगी, सावधानियाँ और सुरक्षा उपाय विषय पर एक अनुच्छेद (२०० शब्दो में) लिखें ।

SANSKRIT

1. प्रश्नपत्र टू__दर विद संख्या 1, 2, 3, 4, 5 खण्ड 'ग ' व्याकरण खंडस्य प्रश्न_न निर्देशानुसारम् कार्य पुस्तिकायाम एव कुरुत।

MATHS

1. Activity-19,23, 26 and 28 in lab manual.
2. Quadrilateral, types of quadrilateral, with properties angle sum property of a quadrilateral.
3. Study the following table carefully and answer the questions given below

Ex 3. Study the following table carefully and answer the questions given below:
Number of boys of standard xi pariticipating in different games

↓ Games / Classes →	XI A	XI B	XI C	XI D	XI E	Total
Chess	8	8	8	4	4	32
Badminton	8	12	8	12	12	52
Table Tennis	12	16	12	8	12	60
Hockey	8	4	8	4	8	32
Football	8	8	12	12	12	52
Total No. of Boys	44	48	48	40	48	228

1. Every student (boy or girl) of each class of standard XI participates

NOTE:
1. Every student (boy or girl) of each class of standard 11 participates in a game.
2. In each class, the number of girls participating in each game is 25%of the number of boys participating in each game.
3. Each students participates in one and only one games.

Q1. All the boys of class11D passed the annual examination but a few girls failed. If all the boys and girls who passed and entered 12D are in the ratio of boys to girl as 5:1, what would be the number of girls who failed in class11D?   a) 8   b) 5   c) 2   d) 1"

Q2. Girls playing which of the following games need to be combined to yield a ratio of boys to girls of 4:1,if all boys playing chess and badminton are combined?

a) table tennis and hockey   b) badminton and table tennis

c) chess and hockey   d) hockey and football   e) none of these

Q3. What should be the total number of students in the school if all the boys of class 11A together with all the girls OF CLASS11B and class 11 c were to be equal to 25%of the total no. of students?

a) 272   b) 656   c) 560   d) 340   e) none of these

PHYSICS

1. By making a four layer density tower of any liquid show how does the density changes with increase in concentration of the liquid.

2. What do you know about atmospheric pressure on earth? Explain your findings and its application in your HHW copy and paste pictures related to it.

CHEMISTRY

1. Paste the pictures of two true solutions and two colloids. Also state their uses in our daily life.

2. Write down the laws of chemical combinations.

3. Define Tyndall effect. Also paste the pictures or draw diagram to show Tyndall effect in nature.

4. Write a short note on contribution of John Dalton in field of chemistry.

5. Draw a flowchart showing the steps of writing chemical formula.

BIOLOGY

1. "1. Make a PowerPoint presentation on the following topic and submit the printout of the same

(Roll no. 1 to 10) RED BLOOD CELL AND PLATELETS, ITS IMPORTANCE, DISEASES RELATED TO RBC AND PLATELETS AND THEIR CURE.

(Roll no. 11 TO 20) DIFFERENT TYPES OF WBC, THEIR IMPORTANCE, DISEASES RELATED TO WBC AND THEIR CURE

(ROLL NO. 21 TO 30) BONES AND CARTILAGE, THEIR IMPORTANCE, RELATED DISEASES AND CURE

(ROLL NO. 31 TO 40) MUSCULAR TISSUE, ITS WORKING, RELATED DISEASES AND CURE

(ROLL NO. 41 TO 50) NERVOUS TISSUE, IMPORTANCE, WORKING, RELATED DISEASES AND CURE

(ROLL NO. 51 ONWARDS) EPITHELIAL TISSUE, TYPES, IMPORTANCE, DISEASES, CURE."

2. "2. Do a research on different types of revolution (green, white etc) taken place around the world? Write about their

a) Their aims and objective.   b) Reason for their occurrence   c) Their success"

3. "3. Read about

ARISTOTLE, THEOPHRASTUS, CHARAKA, JOHN RAY, AND CARL LINNAEUS AND WRITE ABOUT THEIR CONTRIBUTION IN THE CLASSIFICATION SYSTEM."

SOCIAL SCIENCE

1 Geography -- Evaluate the role of wildlife sanctuaries and national parks in maintaining ecological balance. Give detailed information with pictures for any five national parks.

2. History -- Prepare a biography of Napolean Bonaparte with his portrait and palace.

3. Civics-- Explain the different steps of conducting elections in India. Paste some relevant pictures.

4. Economics -- prepare a project on poverty in India and the different ways to alleviate it.

COMPUTER

1. Explore different types of websites which helps in AI implemented Application like Background remover and Modifier for photos.

2. Write any 5 python codes taught in previous Semester.

ENGLISH

1. PROJECT WORK:

2. ALL THE PROJECT WORK TO BE DONE IN STICK FILE.

3. Navarasas (Nine Rasas).

KEYPOINTS:

   i. What are the nine rasas?

   ii. Colours that represent nine rasas. Are emotions good or bad? Should we embrace all emotions?

   iii. How to overcome bad moods? / What happens when the emotions are suppressed?

<div align="center">OR</div>

4. Hero worshipping/ Fantasizing/Ego ideal. Are teenagers justified in their act of hero-worship'?

  5. Key points:

  i. Adolescence a period of change/transitional period/period of unrealism/time of search for identity.

  ii. What is hero worshipping for adolescent?

  iii. Hero worshipping in India is too big. Why?

  iv. What are some potential dangers of hero worship?

HINDI

1. प्रश्नपत्र टूोदर विद संख्या 7, 8, 9, 10 खण्ड 'घ ' लेखन खंड के प्रश्नों को निर्देशानुसार कक्षा कार्य पुस्तिका में करें।

SANSKRIT

1. प्रश्नपत्र टूोदर विद संख्या 7, 8, 9, 10 खण्ड 'ग' व्याकरण खण्डस्य प्रश्नांन निर्देशानुसारम् कार्य पुस्तिकायाम एव कुरुत।

MATHS

1. Maths L/M - Act 5,6,7,8,14,16,28.

2. Make a project on Introduction to Trigonometry including various Identities and its derivation. Also mention

   its application in real life.

3. R S Aggarwal - Ex 4D (Q no 2 to 22).

4. R S Aggarwal - Ex 4E (Q no 38 to 71).

PHYSICS

1. Solve the questions of physics from science sample paper released by CBSE (2022-23)

2. Write the activity to Verify Ohm's law in your Practical copy.

3. Write the activity in the practical copy to determine the equivalent resistance of two resistors when connected in series.

4. Write the activity in the practical copy to determine the equivalent resistance of two resistors when connected in parallel.

CHEMISTRY

1. Write the activity -2.3,2.4,2.8,3.5 and 3.10 from NCERT book

2. Write the physical properties of Metals and Non metals

3. Discuss the preparation of Soda- acid fire extinguisher

4. Write the activity - 9 & 10 from viva chemistry

5. Solve the chemistry portion from CBSE sample question paper.

BIOLOGY

1. Make a survey report in your locality of people of different age group for blood pressure, diabetes, goiter

    i) Reason   ii) Lifestyle   iii) Prevention   iv) Treatment

2. Draw diagrams for different endocrine glands in human body, their hormones and effect and problems related to it.

SOCIAL SCIENCE

1. Geography -- Enlist the various reasons for global climatic change with relevant pictures of incidence.

2. History -- collect the wide information for any five prominent monument of India. Label them on the map and paste the pictures.

3. Civics-- Prepare a flowchart showing all national parties,: Founder year of formation, leader and symbols.

4. Economics -- Make a flow chart explaining Primary, secondary and tertiary sector with examples.

COMPUTER

1. Make a spreadsheet in Ms- Excel to keep a record of stocks in your Inventory.

2. Using the above spreadsheet design a subtotal for all the stock.