



St. Vivekanand Lotus Valley Public school

SESSION 2023-24

CLASS – X

HOLIDAY HOMEWORK

AND

ASSIGNMENT

HOLIDAY HOMEWORK

Summer comes with a bagful of opportunities for Students to rest and enjoy. Each child excitedly waits for vacations. Summer break is the most fun time of the year as this is the time we explore and learn new and exciting things.

It is crucial to plan for more fun, creative and recreational activities for the vacations. It is highly significant as vacations help students acquire new skills and become more productive. Student can indulge in different activities that can groom their personality and boost up the confidence level.

Learning in a positive environment not only essential for the growth of knowledge but also growth in behavior of students.

By adapting good manners students can make a positive impression of their behavior on those around them. They are lifelong assets and should be practiced until they become habit. The four magical words children can make a difference in their behavior.

Please, Sorry, Thank you, Excuse me.

Useful Guidance

- Watch informative programs.
- Set limits to use smart phone and focus on learning by doing.
- Work on building up your strength with the help of innovative ideas to develop your mental skills.
- Instill enough discipline in yourself to achieve success in life.

Healthy Habits

- Early to bed and early to rise.
- Take good care of health and daily hygiene.
- Avoid junk food and prefer homely food.
- Stay hale and hearty.
- Keep your surroundings and environment clean.

Moral Values

- Pray daily.
- Make an exercise or yoga of your continuous habit.
- Touch your elders feet daily in the morning.
- Obey your elders.
- Show respect for juniors and seniors both.

Set Priorities

- Prepare a schedule.
- Plan at least 2 hours of study time to work on assignments.
- Manage your time.
- Do your homework systematically by yourself.

Holiday Homework with pleasure rather than pressure

English :

Assignment sheet – 1

- Q1. Thinking lencho to be extremely simple and innocent, justify his reaction to the postmaster's letter.
- Q2. Would you agree that "depth of oppression" create "heights of characters"? How does Mandela illustrate this?
- Q3. Which two obligations, according to Nelson Mandela, does every man have in life ?How could a man not fulfill these obligations in a country like South Africa?
- Q4. How did the seagull family help th believed that paper has more patience than people she could confide more in her diary than in people why did she feel so was she free from bais and stereotypes?
- Q5. 'TheDiary of Anne Frank' is a work of an insightful mind of a young girl. Explain.
- Q6. 'God has those who help themselves' Do you agree? Discuss with reference to the lesson 'Black Aeroplane'
- Q7. From beginning to the end of the lesson 'Black Aeroplane' is a mystery. How?
- Q8. Compare and contrast Tricky in the beginning and in the end of the story "A Triumph of Surgery"
- Q9. The theme of the story'A Triumph of Surgery'. Who was Anil ?How did he treat Hari Singh and how did it influence Hari's life?
- Q10. We need intelligence more than physical strength in a difficult situation. How is it proved from the story "The Midnight Visitor"?
- Q11. Who do you think is the real culprit and the story "A Question of Trust".
- Q12. Why did Horace Danby get angry when anyone talked about 'Honor among

thieves'? what does it mean in the context of the story " A Question of Trust"?

Q13. What makes you think that Griffin was a lawless person?

Q14. "The measure of a man is what he does with his power ."In the light of this statement, comment on the character of Griffin.

Q15. What impression do you form of all the Bell as a secret agent after reading the story 'The Midnight visitor'.?

Q16. Write Message and theme of the poem" Fire and Ice" and "Dust of Snow".

Q17. Write Message and Theme of the poem,"How to Tell Wild Animals" and "The Ball Poem".

Write and learn these Question Answer in ur fair note book.

Learn Textual Question Answer of (First Flight & Footprints without feet) thoroughly.

Thorough reading of Chapters is compulsory for all.

Assignment – 2

1. (Reading)

Practice of five reading passages from BBC.

2. (Writing)

Practice of editorial letter and complaint letter from BBC.

3. (PowerPoint Presentation and project)

(A) TELANGANA (ART INTEGRATED PROJECT) (compulsory for all)

Following points must be in project :

- ★ Telangana (overview)
- ★ Geographic features
- ★ Culture, festivals
- ★ Art and craft , cuisine , Traditional dress
- ★ statistics, sex ratio, mortality ratio
- ★ economic growth
- ★ Defense sector in Telangana
- ★ Famous personalities
- ★ Health sector

4. (PowerPoint Presentation and project)

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- ☆ Famous personalities
- ☆ Health sector

- NOTE :** 1. PICTURES OF EVERY POINT MENTIONED ABOVE MUST IN PROJECT.
2. USE BLACK WATERPROOF INK
3. PROJECT SHOULD BE WRITTEN IN NEAT AND CLEAN HANDWRITING
4. TAKE CARE OF PARAGRAPHING, PUNCTUATION MARK AND SPELLINGS. PARAGRAPH SHOULD BE INDENTED.
5. USE NEATLY COVERED HARDBOARD FILE
6. PAGE SEQUENCE SHOULD BE STRICTLY FOLLOWED AS: COVER PAGE, ACKNOWLEDGEMENT, INDEX, PROJECT CONTENT, BIBLIOGRAPHY ETC.
7. POWERPOINT PRESENTATION ON SAME TOPIC MUST BE PREPARED.

Hindi :

निम्नलिखित प्रश्नों के उत्तर पाठ्य पुस्तक पर के आधार पर दीजिए ।

- प्रश्न (1) आदर्श स्थिति बनाए रखने के लिए बड़े भाई साहब का बचपना कैसे तिरोहित हो जाता है?
- प्रश्न (2) कथा नायक को को क्या-क्या करना पसंद था?
- प्रश्न (3) छोटे भाई की किन्हीं दो चारित्रिक विशेषताओं का वर्णन कीजिए ।
- प्रश्न (4) पोथी पढ़ि -पढ़ि जग मुआ, पंडित भया न कोई_पंक्ति का भाव स्पष्ट कीजिए ।
- प्रश्न (5) कबीर ने किस घर को जलाने की बात की है? वर्तमान में यह कितना युक्ति संगत है?
- प्रश्न (6) कबीर दास जी ने अपने दोहे में हिरण का उदाहरण किस संदर्भ में दिया है? क्या आप भी कबीर दास जी के विचार से सहमत हैं?
- प्रश्न (7) कबीर दास जी किन जीवन मूल्यों को मानव के लिए आवश्यक मानते हैं?
- प्रश्न (8) अहंकार का भाव भक्ति मार्ग की सबसे बड़ी बाधा है। इस विषय पर अपने विचार व्यक्त कीजिए ।
- प्रश्न (9) मीरा के अनुसार श्रीकृष्ण ने किस किस की रक्षा की। पाठ के आधार पर उत्तर दीजिए ।
- प्रश्न (10) भावभक्ति को जागीर क्यों कहा गया है ? उसके लिए क्या आवश्यक है।
- प्रश्न (11) निर्गुण और सगुण भक्ति में क्या अंतर है? दोनों से संबंधित एक- एक कवि या कवयित्री का नाम लिखिए ।
- प्रश्न (12) कृष्ण की चाकरी से मीरा को क्या लाभ मिलेगा?
- प्रश्न (13) रचना के आधार पर निम्नलिखित वाक्यों का भेद बताइए ।
- (क) मैं जानता हूँ कि अमर पढ़ने में तेज है।
- (ख) मैंने आज तक एक भी फिल्म नहीं देखी।
- (ग) नीरजा घर गई और उसने पिताजी को देखा ।

(घ) गरीबों की कोई नहीं सुनता।

(ङ) जैसे ही शाम हुई जैसे ही सारे पक्षी नीड में आ गए।

प्रश्न (14) निर्देशानुसार वाक्य रूपांतरण कीजिए

(क) मजदूरों ने गड्ढा खोदा और वे घर चले गए (मिश्र वाक्य में)

(ख) जब उसने मुझे देखा तब वह खिसक गया (संयुक्त वाक्य में)

(ग) वह रोज पौष्टिक खाना खाता है इसलिए स्वस्थ रहता है। (मिश्र वाक्य में)

(घ) जो व्यक्ति मेहनती होता है वह कभी खाली नहीं बैठता (सरल वाक्य में)

(ङ) वह बाजार गया और पुस्तक खरीद लाया (सरल वाक्य में)

प्रश्न (15) निम्नलिखित रिक्त स्थानों की पूर्ति उचित मुहावरों से कीजिए।

(क) भ्रष्टाचार की _____ से कोई नहीं चूक रहा।

(ख) बेटे के अनुत्तीर्ण होने के समाचार को सुनकर पिताजी _____

(ग) यदि आर्थिक स्थिति ठीक ना हो तो _____ ठीक बात नहीं।

(घ) अपने मेहमानों के स्वागत में _____ हम भारतीयों की संस्कृति है।

(ङ) गरीब माता-पिता अपना _____ कर बच्चों का पालन पोषण करते हैं।

प्रश्न(16) निम्नलिखित वाक्यांशों के लिए उपयुक्त मुहावरे लिखिए-

(क) शर्म के कारण बचते फिरना -

(ख) महत्वहीन व्यक्ति होना -

(ग) रिश्त देना -

(घ) दूसरे के मन की बात कह देना -

(ङ) बिल्कुल अच्छा ना लगना -

प्रश्न (17) अपने विद्यालय के प्रधानाचार्य जी को पत्र लिखकर विद्यालय में सांस्कृतिक कार्यक्रम आयोजित करवाने हेतु प्रार्थना कीजिए।

प्रश्न (18) कल- कारखानों के कारण आपके नगर में बढ़ते हुए प्रदूषण तथा उसके खतरों को देखते हुए किसी दैनिक समाचार पत्र के संपादक को पत्र लिखिए।

प्रश्न(19) स्वच्छ भारत अभियान से संबंधित 30-40 शब्दों में एक विज्ञापन तैयार कीजिए।

प्रश्न (20) आपके भाई ने वातानुकूलित यंत्र बनाने की एक कंपनी खोली है। उसके प्रचार-प्रसार के लिए 30-40 शब्दों में एक आकर्षक विज्ञापन तैयार कीजिए।

Activities :

(1) मनुष्यता की भावना को विकसित करने तथा परोपकार हेतु प्रत्येक छात्र ग्रीष्मावकाश में नेक कार्यों में भाग लेगा तथा उससे संबंधित तीन या चार चित्र अपनी उत्तर पुस्तिका में चिपकाएगा।

(2) राष्ट्रीय एवं सांस्कृतिक धरोहरों के चित्र एवं उनके नाम लिखकर A4 शीट पर दिखाइए।

(3) किन्ही पांच निडर, साहसी और बुद्धिमान देशभक्तों के नाम तथा उनके चित्र A4 शीट पर चिपकाए।

(4) प्रकृति वर्णन पर आधारित कोई एक कविता चित्र सहित लिखिए।

Syllabus for July periodic test

गद्य भाग- डायरी का एक पन्ना, तंतारा-वामीरो कथा

पद्य भाग- पर्वत प्रदेश में पावस, मनुष्यता
व्याकरण- वाक्य भेद तथा वाक्य रूपांतरण, मुहावरे

Maths :

Do activity 2,3,4,5,6,8,10,11,12,14,18,19 in maths practical file
Do all solved and unsolved questions related to chapters from Elements of Mathematics in register.

Science :

1. Prepare a project report on one of "Management of natural resources."
2. Write down the following practicals in your science lab manual.
2.1, 2.2 (physics)
1.1,1.2 ,2.1,2.2,2.3,2.4 (Chemistry)
1.1,1.2 (Biology)
3. Complete your Science (Physics, Chemistry and Biology) notebooks.
4. Make a flow chart of
Physics : Ch-1 (Light : Reflection and Refraction)
Chemistry : Ch-1, 2 (Chemical Equations and Reactions, Acid, Base and Salts)
Biology : Ch-1, 2 (Life Processes, Control and Co-ordination)
5. Solve the following assignment in your notebook.

Assignment no - 1

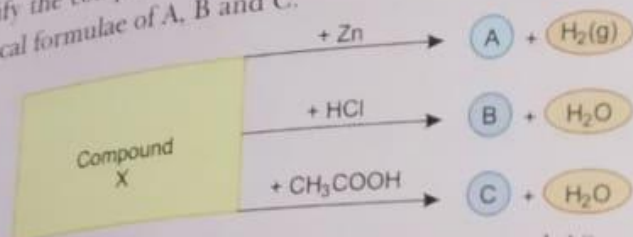
11. A student prepared solutions of (i) an acid and (ii) a base in two separate beakers but forgot to label the solutions and litmus paper is not available in the laboratory. Since both the solutions are colourless, how will he distinguish between the two using (a) phenolphthalein and (b) methyl orange? [CBSE 2019 (31/5/3)]

SECTION-C

(4 × 3 = 12)

Answer the following questions in about 50-80 words each.

12. Identify the compound X on the basis of the reactions given below. Also, write the name and chemical formulae of A, B and C.



[NCERT Exemplar]

13. You are provided with 90 mL of distilled water and 10 mL of concentrated sulphuric acid to prepare dilute sulphuric acid. [CBSE Sample Paper 2020]
- (i) What is the correct way of preparing dilute sulphuric acid? Give reason.
- (ii) How will the concentration of H₃O⁺ ions change on dilution?
14. Identify the acid and base which form sodium hydrogen carbonate. Write chemical equation in support of your answer. State whether this compound is acidic, basic or neutral. Also write its pH value. [CBSE 2019 (31/1/2)]
15. State the effect of concentration of H⁺(aq) ions on the nature of the solution. Do basic solutions also have H⁺(aq) ions? If yes, then why are these basic? [CBSE 2019 (31/3/1)]

SECTION-D

Answer the following questions in about 80-120 words each.

(3 × 5 = 15)

16. A compound 'X' is bitter to taste. It is a compound of washing powder and reacts with dilute HCl to produce brisk effervescence due to a colourless and odourless gas 'Y' which turns lime water milky due to the formation of 'Z' when excess of CO₂ is passed, milkiness disappears due to formation of 'P'. Identify 'X', 'Y', 'Z' and 'P'. Write the equations involved in the formation of Y, Z and P.
17. For making cake, baking powder is taken. If at home your mother uses baking soda instead of baking powder in cake.
- (i) How will it affect the taste of the cake and why?
- (ii) How can baking soda be converted into baking powder?
- (iii) What is the role of tartaric acid added to baking soda? [NCERT Exemplar]
18. What happens when:
- (i) gypsum is heated at 373 K?
- (ii) electricity is passed through an aqueous solution of sodium chloride?
- (iii) dry chlorine gas is passed over slaked lime?
- (iv) excess of CO₂ is passed through lime water?
- (v) marble is treated with hydrochloric acid?

SECTION-B

Answer the following questions in about 30-50 words each.

10. What is cerebrospinal fluid? What is its function?
11. How are the brain and spinal cord protected?

(2 × 2 = 4)

[HOTS]

SECTION-C

Answer the following questions in about 50-80 words each.

12. Explain how the human body responds when adrenaline is secreted into blood.
13. Why does the flow of signals in a synapse from axonal end of one neuron to dendritic end of another neuron take place but not in the reverse direction? Explain. [CBSE 2019 (31/5/1)]
14. Nervous and hormonal system together perform the function of control and coordination in human beings. Justify the statement. [CBSE Delhi 2017]
15. (i) Define reflex arc.
(ii) What happens at the synapse between two neurons?

(4 × 3 = 12)

[CBSE 2019 (31/5/1)]

[CBSE Delhi 2017]

[NCERT Exemplar]

SECTION-D

Answer the following questions in about 80-120 words each.

16. With the help of an activity demonstrate geotropism in plants.
17. (i) Why is the use of iodised salt advisable? Name the disease caused due to deficiency of iodine in our diet and state its one symptom.
(ii) How do nerve impulses travel in the body? Explain.
18. What are the major parts of the brain? Mention the functions of different parts.

(3 × 5 = 15)

[CBSE 2019 (31/2/1)]

[NCERT Exemplar]

Answer the following questions in one word or one sentence.

(3 × 1 = 3)

7. What is the angle of reflection when a ray of light falls normally on a plane mirror?
8. Both a spherical mirror and a thin spherical lens have a focal length of (-)15 cm. What type of mirror and lens are these?
9. Can a plane mirror be called spherical mirror?

[CBSE Sample Paper 2021]

SECTION-B

Answer the following questions in about 30-50 words each.

(2 × 2 = 4)

10. (i) State the relation between object distance, image distance and focal length of a spherical mirror.
(ii) Draw a ray diagram to show the image formed when an object is placed between pole and focus of the concave mirror.
11. (i) A child is standing in front of a magic mirror. She finds the image of her head bigger, the middle portion of her body of the same size and that of the leg smaller. Write the order of combinations for the magic mirror from the top.
(ii) The absolute refractive index of Ruby is 1.7. Find the speed of light in Ruby. The speed of light in vacuum is 3×10^8 m/s.

[CBSE 2019 (31/2/1)]

SECTION-C

Answer the following questions in about 50-80 words each.

(4 × 3 = 12)

12. The refractive index of a medium 'X' with respect to medium 'Y' is $\frac{2}{3}$ and the refractive index of medium 'Y' with respect to medium 'Z' is $\frac{4}{3}$. Find the refractive index of medium 'Z' with respect to medium 'X'.
13. If the image formed by a lens for all positions of the object placed in front of it is always virtual, erect and diminished, state the type of the lens. Draw a ray diagram in support of your answer. If the numerical value of focal length of such a lens is 20 cm, find its power in new cartesian sign conventions.
14. A concave mirror is used for image formation for different positions of an object. What inferences can be drawn about the following when an object is placed at a distance of 10 cm from the pole of a concave mirror of focal length 15 cm ?
 - (i) Position of the image
 - (ii) Size of the image
 - (iii) Nature of the image

Draw a labelled ray diagram to justify your inferences.

15. Refractive index of water with respect to air is 1.33 and that of diamond is 2.42.
 - (i) In which medium does the light move faster, water or diamond?
 - (ii) What is the refractive index of diamond with respect to water? [CBSE Sample Paper 2021]

Social Science :

- Make Project files on given topics.
 1. Consumer Rights
 2. Forest and Wildlife
- Do the following map work on the Political Map of India.
Map related with Ch.1,2,3 of Geography and ch.2 of History.
- Prepare a PPT to summarise the roles of Multiple projects in supporting the water requirement of India.

Assignment: (Learn and Write)

1. What was the feminist Movement? Explain the Political demands of the feminist Movement of India.
2. What forms does communalism take in politics?
3. Mention any two Constitutional provisions that make India a Secular state.
4. Political mobilisation on religions lines is a frequent form of communalism. Explain
5. What is casteism? How is casteism in India different as compared to other societies?
6. Mention any positive role of caste in Politics.
7. How are Multipurpose projects and large dams the cause of social Movement.
8. What is the need for rainwater Harvesting? What is water Scarcity and What are its Main causes?
9. What do you understand about Palar Pani? How is Palar Pani collected?
10. Compare the advantages and disadvantages of Multi-Purpose river valley projects.
11. Describe any three traditional methods of rainwater Harvesting adopted in different parts of India.
14. Analyze the importance of rooftop rainwater Harvesting in Rajasthan.
15. How was the Non cooperation Khilafat Movement carried in towns? Why did it gradually lose the momentum?
16. Discuss the salt March to make clear why it was an effective symbol of resistance against colonialism.
17. How did the first world war help in the growth of the National Movement in India?
18. Why Gandhi ji decided to withdraw the Non-cooperation Movement?
19. What is meant by the idea of satyagraha?
20. Describe the Jallianwala Bagh Massacre write a note on the Simon Commission

Physical & Activity Trainer :

Revise

Unit -1 Role and responsibility of early year physical activity facilitator.

- Maintain professional etiquettes
- Qualities of a good teacher
- All Activity jumping monkey, moments kil,l throwing with force etc.
- Conduct school assembly and parent teacher meeting.

Practical Work

- Swach Bhart abhiyan
- Dignity of labour
- Nutrition and health status
- Care for homeless children

Information Technology :

Ques. 1 Write the steps for the following:

1. To set the Primary key
2. To sort a field in an ascending order
3. To add a record in a table
4. To delete a record in a table
5. To delete a field in design view
6. To insert a field in between two fields in design view

Ques 2. Mr. Krishna is working in a bank and he wants to create a database for his customers carrying the complete information about his customers.

Suggest the field names and their data types which should be present in the CUSTOMER table.

Ques 3. Study the following data and answer the questions given below:

Table –

Patient Name	Patient_id	Date of Admission	Doctor_id	Department
Mohan	P_101	21/1/2013	301	Heart
Priya	P_102	21/1/2013	132	Nero
Suraj	P_103	23/1/2013	204	Brain

1. Suggest the data types that should be used for each of the fields mentioned above.
2. Suggest a field from the above table, which can be set as a Primary Key.

Ques. 4 write a project report on any one of the following topic Digital Documentation

Or

Digital presentation

Ques. 5 Difference between absolute and reference cell

Ques. 6 write the steps to enter data in a cell.

Ques. 7 Define Goal seek, scenario

Ques. 8 Difference between Repeater and router.

*Happy Holidays
Keep Enjoying
and
Take good care of yourself*