



VIKASH GROUP OF INSTITUTIONS

SUMMER VACATION ASSIGNMENT

Session 2024-2025

Class: X

ENGLISH

- (1) Read English newspaper OR watch the evening news daily. Choose any news during the break period and write a report on the news story.
- (2) Identify at least two new words everyday in the duration of this break and form at least two sentences using each of these. In case a word has multiple meanings, the sentences should cater to the two different meanings.
- (3) Work towards increasing the quality of your presentation by practicing handwriting. You are required to write at least 15 pages of content (of your own choice) in your best handwriting, focusing on other aspects of presentation as well, like drawing margins, writing the date and so on.
- (4) Watch any movie/ documentary which has kindness as its main theme and write the review on the following topics:-
 - (a) Name of the Movie
 - (b) Cast and crew
 - (c) Plot
 - (d) Climax
 - (e) Ending
 - (f) Suggest an alternative ending to the story
 - (g) Suggest an alternative title for the movie.

- (5) Here is the list of 15 Idioms given with their meanings below. Frame sentences using each.

IDIOMS

DEFINITION OR SYNONYM

*big shot	-	important person
*bite the bullet	-	accept painful but necessary action
*bite the dust	-	be killed, die , suffer defeat
*black sheep	-	a good-for-nothing member of the family
*blow it	-	lose the chance
*break the ice	-	overcome awkwardness or shyness
*by hook or crook	-	by any possible means
*bring home the bacon	-	earn the living for the family
*carry weight	-	be important
*close call	-	a narrow escape, a bad thing that almost happened
*castles in the air	-	daydreaming about success
*down to earth	-	humble
*draw the line	-	set a limit
*eat one's words	-	take back one's words
*false alarm	-	untrue rumor

- (6) Compose a poem of your own with reference to the text 'Dust of Snow' in 10 lines. Ensure that the natural elements shall be a part of your composition.



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HINDI

- 1- माता का आँचल पाठ के आधार पर हमारे जीवन में माँ का क्या महत्व है ? अपने विचार प्रकट करें ।
- 2- कबीर की किन किन साखियों के द्वारा कौन कौन सी नीति परक बातें सीखने को मिलती हैं ? अपने शब्दों में लिखें ।
- 3- ग्रीष्म ऋतु पर एक स्वरचित कविता प्रस्तुत कीजिए ।
- 4- अपने इलाके के किसी विशिष्ट व्यक्ति से मुलाकात कीजिए और उनके साक्षात्कारको लिखित रूप में प्रस्तुत कीजिए ।
- 5- अपने क्षेत्र में प्रचलित कोई एक लोककथा को अपने शब्दों में लिखिए तथा उसका एक शीर्षक देकर सीख भी लिखिए ।
- 6- दिए गए प्रारूप के अनुसार अपना पोर्टफोलियो बनाइए ।

विद्यालय का नाम

पोर्टफोलियो

छात्रकाफोटो

छात्रकीसूचना

➤ छात्र / छात्राकानाम : _____

- जन्मतिथि : _____
- छात्र / छात्राकीउम्र : _____
- कक्षावर्ग : _____
- क्रमसंख्या : _____
- विद्यालयकानाम : _____
- विद्यालयमेंप्रवेशतिथि : _____
- विद्यालयमेंप्रवेशसंख्या : _____
- लंबाई : _____
- भार : _____
- रक्तसमूह : _____
- रंग : _____
- आधारसंख्या : _____

पारिवारिकसूचना

- ❖ माताकानाम: _____
- ❖ माताकीशैक्षिकयोग्यता: _____
- ❖ संपर्कदूरभाष : _____
- ❖ पिताकानाम: _____
- ❖ पिताकीशैक्षिकयोग्यता: _____
- ❖ संपर्कदूरभाष: _____
- ❖ परिवारकेसदस्योंकीसंख्या : _____
- ❖ भाई-बहनकीसंख्या : _____
- ❖ परिवारकीमासिकआय : _____
- ❖ घरकापता : _____

छात्र/छात्राकेअपनेजवाब

Q1. आपकोकिनचीजोंसेज्यादालग्गवहै?

Ans° _____

Q2. आपकेक्याशौकहैं?

Ans° _____

Q3. आपकाप्रियखेलकौन-साहै?

Ans° _____

Q4. आपअपनेघरकेकिससदस्यसेज्यादाप्यारकरतेहैं?

Ans° _____

Q5. आपभविष्यमेंक्याबननाचाहतेहैं ?

Ans° _____

Q6. आपकेप्रियशिक्षक/शिक्षिकाकौनहैं ?

Ans° _____

Q7. आपकोकिसचीज़सेज्यादाडरलगताहै ?

Ans° _____

Q8. आपकोकिसबातपरजल्दीगुस्साआताहै ?

Ans° _____

Q9.

आपअपनेघनिष्ठमित्रकानामबताइये।Ans° _____

Q10. आपकोअपनेमित्रकेकौनसेगुणअच्छेलगतेहैं ?

Ans° _____

- अब तक की अपनी उपलब्धियों को सचित्र (प्रमाण पत्र के फोटो) प्रस्तुत करें।
- अपनेदोस्तोंकेसाथबिताएपलोंकीयादोंके फोटोचिपकाकरप्रस्तुतकरें।

• Note – Write all in A4 Papers



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Mathematics:

1. Prepare a Project on Zeroes of Polynomials and Graphical Representation of Zeros of Polynomials.
2. **Mathematics Art Integration Project on Odisha and Maharashtra:**
Guidelines-Compare the population, area, location, Architecture in Heritage Places, contribution in mathematics and other aspects of Odisha and Maharashtra. The project should be multi-disciplinary i.e. integrate Mathematics/Geometry with Science, English, S.Sc, Fine Art, Computer etc.
3. Prepare an Algebraic identity diary and a Geometrical identity diary.
4. Prepare a Project on Role of $\mathbf{0}$ and π in Mathematics.
5. Prepare a Glossary of Mathematical Terms necessary /used in your book.



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SCIENCE

CHEMISTRY:-

1. See around you and find the chemical changes take place around you. Make a list of it. Write down the chemical reaction of those changes. Make a list of chemical equations related to that chemical reaction.
2. Collect some organic substance. On the basis of the taste identify them whether acidic, basic or neutral and list their uses in day to day life on a A4 size paper.

PHYSICS:-

1. Prepare a list of plane and spherical mirror used in our day to day life in various places like vehicles, shopping malls, amusement parks, science centre etc. Justify the uses and the scientific principle involved.

BIOLOGY:-

1. Sit under a tree or in garden, close your eyes and take normal breathe for 10 times... How does it affect the movement of diaphragm? Now take long breath and chant Om, take 10 breath. How does it affect the Nervous system? Write your observation and connect it with importance of trees in our environment. Write the path by which oxygen reaches our Lungs. Draw a flow chart of path of oxygen in a chart paper.
2. Make a chart of the food items you take in one week. Write it's nutritional value. How does the food help you to increase your immunity? Connect your observation and write a paragraph on maintaining the health in day today life. Now a day's every family have a diabetic patient and Heart patients. What kind of food chart you can prepare for diabetic patients for one week. Draw a chart and connect it with day today life problem related to food and health.



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SOCIAL SCIENCE:

1. What is G20? Make a poster on G20 summit 2023 and write a note on role of India in it.
2. Visit to your neighborhood /slum area and measure the body mass index of at least five different people. Compare among them who have normal BMI, malnutrition and overweight. (Age above 15 years)
3. Analyze and prepare a report on the impact of devaluation of India currency on export and import of our country.



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COMPUTER APPLICATION

Do as Directed.

1. Complete all the Notes including exercises.
2. Practice and answer the following questions from each chapter (1 and 2).

Important questions from Chapter-1:

1. What is Computer Network? Discuss its Advantages.
2. What is the Difference between Internet and WWW?
3. Write short notes on the following:
 - a. Client
 - b. Server
 - c. Webpage
 - d. Website
 - e. Web Portal
 - f. Web browser
 - g. URL
 - h. Blog
 - i. News group
 - j. UseNet
 - k. E-mail
4. What is the difference between Server and Web server
5. Write down components of Website
6. Write down components of Webpage
7. What is Protocol? Write down 5 protocols name
8. What is the difference between HTTP and HTTPS.

Important questions from Chapter-2:

9. What is e-mail? Write down structure of email.
10. Write the process of sending and receiving an email.
11. Write short notes on the following:
 - a. CC
 - b. BCC
 - c. Inbox
 - d. Sent
 - e. Drafts
 - f. Spam
 - g. Compose
 - h. Important
12. What is the difference Web browser Server and Search engine
13. Write down how search engine works
14. Write down short notes on:
 - a. FTP
 - b. SFTP
 - c. SSH
 - d. SCP
 - e. TELNET
15. What do you understand by Web Services? Write down the advantages of:
 - a. Chat
 - b. Video Conferencing
 - c. E-learning
 - d. E-Banking
 - e. E-Reservation
