

Kendriya Vidyalaya No. 2
Port Blair
Summer Vacations Homework

CLASS : 10

SUBJECT : ENGLISH

Fill in the blanks with the correct forms of the words given in brackets.

I (a) _____ (learn) English for several years now. But last year I (b) _____ (not work) hard enough for English, that's why my marks (c) _____ (not be) really that good then. As I want to (d) _____ (pass) my English exam successfully next year, I (e) _____ (study) harder this term.

2. Last September, Temur (a) _____ (go) to Bali. He (b) _____ (go) by plane and (c) _____ (stay) in a big hotel. It (d) _____ (is) very hot, so he (e) _____ (swim) every day. In the evenings, he (f) _____ (go) to different restaurants, the food (g) _____ (is) very good. He (h) _____ (meet) some nice people and (i) _____ (make) friendship with them. He (j) _____ (happy) because he (k) _____ (is not alone)

3. At the moment I (a) _____ (revise) English grammar. And I (b) _____ (begin) already to read the texts in my English textbooks again. I (c) _____ (think) I (d) _____ (do) new unit every week. My exam (e) _____ (be) on 15th may, so there (f) _____ (not be) any time to be lost. If I (g) _____ (pass) my exams successfully, I (h) _____ (start) an apprenticeship in September. And after my apprenticeship, maybe I (i) _____ (go back) to London to work there for a while.

PROJECT

Write about any one of the topics:

1. Black Americans and their fight against discrimination
2. Women and their fight for equality
3. The Vietnamese and their fight for equality

SUBJECT : ART EDUCATION

Make a project writing the following points:

- What is art according to you?
- Do you consider art important in today's life?
- What are the positive and negative aspects of Art?
- Are memes art? Explain your opinion

SUBJECT : SOCIAL SCIENCE

. **Every student** has to compulsorily undertake **any one project** on the following topics:

Consumer Awareness

OR

Sustainable Development

(Note: The overall objective of the project work is to help students gain an insight and pragmatic understanding of the theme and see all the Social Science disciplines from interdisciplinary perspective. It should also help in enhancing the Life Skills of the students.

Students are expected to apply the Social Science concepts that they have learnt over the years in order to prepare the project report. If possible, **different forms of Art** may be integrated in the project work. It is to be noted here by all the students that the projects/models prepared should be made from eco-friendly products without incurring too much expenditure. The Project Report may be **handwritten /printed.**)

2. Write a **brief note** on the **linguistic diversity of India** and make a **bar or pie chart** on the basis of the information provided in **Political Science** Text book page number **22**.

3. Prepare a **map of linguistic diversity** of India by shading the region where each of these languages is spoken on the map of India.

कक्षा- दशमी (10)

विषय- संस्कृतम्

1. संस्कृत छात्रप्रतिज्ञाया च वाचनस्य पुनः पुनः अभ्यासं कुरुत :प्रार्थनाया :।

संस्कृत)छात्रप्रतिज्ञा और प्रार्थना को पुनः पुनः बोलने का अभ्यास करें और याद करें(

2. किम् शब्दस्य रूपाणि लिखत ।

(अस्मद् शब्द के रूप लिखिए)

3. खाद् धातुनां रूपाणि पञ्चलकारेषु च लिखत ।

(खाद् धातु के रूप पांचों लकारों में लिखिए)

4. 1- 100 पर्यंतं संस्कृत संख्यापदानि लिखत।

SUBJECT: MATHEMATICS

- Solve all the examples from the chapter: 'Real Numbers', 'Polynomials' and 'Pair of Linear Equation in two variables'

- Prove that $\sqrt{2}$ is Irrational.
- Prepare a table to show the Consistency / Inconsistency of 'Pair of Linear Equation in two variables' by taking suitable examples and representing them Graphically.

PROJECT WORK

Write about life and contribution of any one Great Mathematician.

SUBJECT : SCIENCE

- 1) Write down the scientific names of the state bird, animal, tree and flower all the states and union territories of India.
- 2) Write down four examples of each of the following:
 - (i) Combination Reaction.
 - (ii) Decomposition Reaction.
 - (iii) Displacement Reaction.
 - (iv) Double Displacement Reaction.
 - (v) Redox Reaction.
 - (vi) Precipitation Reaction.
 - (vii) Endothermic Reaction.
 - (viii) Exothermic Reaction.

1. What are the characteristics of chemical reactions?
2. "We need to balance a skeletal chemical equation." Give reason to justify the statement.
3. A solution of a substance 'X' is used for testing carbon dioxide. Write the equation of the reaction of X with carbon dioxide. (b) How is X obtained? Write chemical equation.
4. Write the steps for balancing the chemical equation for the formation of ammonia by the combination of nitrogen and hydrogen.
5. State reason for the following:
 - (i) Potato chips manufactures fill the packet of chips with nitrogen gas.
 - (ii) Iron articles are shining when new, but get coated with a reddish brown powder, when left for some time.
6. Write one equation each for decomposition reactions where energy is supplied in the form of heat, light and electricity.
7. State the kind of chemical reactions in the following examples in terms of loss and gain of energy:
 - (i) Digestion of food in stomach
 - (ii) Combustion of coal in air
 - (iii) Heating of limestone.
8. Write balanced chemical equations for the following reactions.
 - (i) Silver bromide on exposure to sunlight decomposes into silver and bromine,

- (ii) Sodium metal reacts with water to form sodium hydroxide and hydrogen gas.
9. (a) Explain the term "rancidity." Name the type of chemical reaction responsible for causing rancidity and define it. (b) Write three methods for preventing rancidity of food.
10. Write balanced chemical equations for the following statements:
- (i) NaOH solution is heated with zinc granules.
 - (ii) Excess of carbon dioxide gas is passed through lime water.
 - (iii) Dilute sulphuric acid reacts with sodium carbonate.
 - (iv) Egg shells are dropped in hydrochloric acid.
 - (v) Copper (II) oxide reacts with dilute hydrochloric acid.
11. What is corrosion? State conditions necessary for rusting of iron. How is rusting harmful?
12. What happens when a piece of
- (a) zinc metal is added to copper sulphate solution?
 - (b) aluminum metal is added to dilute hydrochloric acid?
 - (c) silver metal is added to copper sulphate solution?
- Also, write the balanced chemical equation if the reaction occurs.
13. (A) A brown substance 'X' on heating in air forms a substance 'Y'. When hydrogen gas is passed over heated 'Y', it again changes back into 'X'.
- (i) Name the substances X and Y.
 - (ii) Name the chemical processes occurring during both the changes.
 - (iii) Write the chemical equations.
14. What is chemical reaction? write down different types of chemical reaction with examples.
15. What is life process? Write down different types of life process.
16. What is nutrition? Explain its types.
17. explain photosynthesis with equation.
18. Describe digestion in human.
19. Explain different steps of photosynthesis.
20. Draw a flow chart for the role of enzymes in digestion
- Draw a labeled diagram of the following :
- 1. Human digestive system.
 - 2. Chlorophyll.
 - 3. Respiratory System.
 - 4. Circulatory system
 - 5. Excretory system

Project

- 1. Prepare a list of different chemical compounds with their formula.
- 2. Prepare a 3-D model of any internal organ.
- 3. Prepare any working model to solve problem related to our daily life.
- 4. Write down fifty different types of chemical equation with its equation.

SUBJECT : HINDI

- 1 गोस्वामी तुलसीदास का साहित्यिक जीवन परिचय लिखिए।
2. कन्नड़ भाषा के एक लेखक का सचित्र वर्णन कीजिए।
3. आपसे किसी एक महापुरुष की मूर्ति लगाने के लिए कहा जाए तो किसकी मूर्ति लगाएंगे और क्यों?
- 4 जीवन में व्यायाम का महत्व" विषय पर अनुच्छेद लिखें।

परियोजना कार्य

1. नेताजी सुभामचंद्र बोस के व्यक्तित्व एवं कृतित्व पर एक परियोजना बनाएं।
- 2 रामवृक्ष बेनीपुरी के साहित्यिक जीवन परिचय पर एक परियोजना बनाएं।