

SUMMER VACATION HOLIDAY HOME WORK

SESSION 2019-20

CLASS-X

ENGLISH

1. Do the following assignments in Goyal's Assignments in English itself:
 1. Assignment 1-10 (Unseen passage)
 2. Assignment 1 and 2 (Letters to the editor)
 3. Assignment 1 and 2 (letter of complaint)
 4. Assignment 11.1A and 11.2B (Editing Error)
 5. Assignments 11.2A and 11.2B (Editing omission)
 6. Assignments 11.3A and 11.3B (Gap filling)
 7. Assignments 11.6A and 11.6B(sentence- reordering)
2. Make a chart on Poetic devices giving examples from the poems of your textbook (First Flight)
3. Make a bookmark showcasing quotation/idiom/phrase/saying based on moral value of the stories of your textbooks.
4. Write the description (50-80 Words) of protagonists of Ch.1 to 6 of Footprints Without Feet)

HINDI

प्रश्न 1. निम्नलिखित पर 'गृहकार्य कॉपी' में अनुच्छेद लिखिए ।

(क) मोबाइल फ़ोन- सुविधा या असुविधा

(ख) छात्र अनुशासन

(ग) स्वच्छता अभियान

(घ) विज्ञापनों का प्रभाव

प्रश्न 2. निम्नलिखित पर 'गृहकार्य कॉपी' में विज्ञापन तैयार कीजिये।

(क) स्पोर्ट्स शूज की नई श्रृंखला "again "

(ख) 'वाह- वाह" मोबाइल

प्रश्न 3. कबीर और रहीम के दोहो का संकलन करते हुए एक चार्ट तैयार कीजिये।

प्रश्न 4. किसी एक साहित्यकार की प्रसिद्ध रचना की डमी (प्रतिरूप) तैयार कीजिये।

प्रश्न 5. कक्षा में कराया गया कार्य याद कीजिये।

MATHS

*Do five questions carrying 3 marks and five questions carrying 4 marks from each of the following topics in separate ruled sheet .

The topics are:

- 1) Real Numbers
- 2) Polynomials P
- 3) Linear equations in two variables
- 4) Triangles
- 5) Introduction to trigonometry

*Revise the above topics for the class test.

SCIENCE

Make a working model on any one of the following topics :-

- a) Transport and Communication
- b) Health
- c) Energy
- d) Waste Management

Q2. Write the following Biology experiments in Practical File :-

- a) Preparing a temporary mount of a leaf peel to show stomata.
- b) Experimentally show that carbon dioxide is given out during respiration.
- c) Studying binary fission in Amoeba and budding in yeast and Hydra with the help of prepared slides.
- d) Identification of the different parts of an embryo of a dicot seed.

Q3. Do the given assignments from Chapter 1,2,14,3,6 15 & 16.

SCIENCE ASSIGNMENT-1 **CHAPTERS-1,2,3,6 AND 14**

Q1. Nikhil and Neha went to a village in Kerala to meet their grandmother. They were surprised to see a bio-gas plant in grandmother's house. They used cooking gas from the plant for cooking and their farms had very rich vegetation. Nikhil, Neha and their grandmother contacted Sarpanch of the village to set up a bio-gas plant for whole of the village community.

- a) Mention the values displayed by Nikhil, Neha and their grandmother.
- b) Explain the possible arguments given by Nikhil and Neha to Sarpanch to convince him to set up a community bio-gas plant .
- c) What are the disadvantages of setting up bio-gas plant?

Q2. Name the type of reaction represented by the following equations

- a) $\text{CaCO}_3(\text{s}) \longrightarrow \text{CaO}(\text{s}) + \text{CO}_2(\text{g})$
b) $\text{CaO}(\text{s}) + \text{H}_2\text{O}(\text{l}) \longrightarrow \text{Ca}(\text{OH})_2(\text{aq})$
c) $\text{Zn} + \text{H}_2\text{SO}_4 \longrightarrow \text{ZnSO}_4(\text{aq}) + \text{H}_2(\text{g})$

Q3. Classify the following reactions as exothermic and endothermic reactions:-

- a) Water is added to quick lime
b) Dilute sulphuric acid is added to zinc granules .
c) When Ammonium chloride is dissolved in water in test tube, it becomes cold.
d) Decomposition of vegetable matter into compost.
e) Electrolysis of water.
f) Silver chloride turns grey in presence of sunlight to form silver metal.

Q4. Write any four differences in metals and non metals on the basis of their chemical properties.

Q5. Write differences in metals on the basis of following properties:

- (a) State (b) Hardness (c) Electrical conductivity (d) Malleability (e) ductility
(f) Sonority

Q6. What is sustainable development? Why is reuse considered as a better option compared to recycle?

Q7. Explain why solar cookers are covered with glass sheet and painted black from inside.

Q8. Name the substances oxidised and reduced and also identify the oxidising agents and reducing agents in the following reactions:

- (i) $\text{Fe}_2\text{O}_3 + 3\text{CO} \longrightarrow 2\text{Fe} + 3\text{CO}_2$
(ii) $3\text{MnO}_2 + 4\text{Al} \longrightarrow 3\text{Mn} + 2\text{Al}_2\text{O}_3$
(III) $\text{H}_2\text{S} + \text{SO}_2 \longrightarrow \text{S} + \text{H}_2\text{O}$

Q9. What are amphoteric oxides ? Give examples.

Q10. Write any four disadvantages of burning fossil fuels.

Q11. What is the chemical formula of Plaster of Paris. How is it prepared ?

Q12. How can we harness the kinetic energy of wind to do work? Write limitations of using wind energy.

Q13. What are the functions of saliva in mouth ?

Q14. In the electrolysis of water :

- (i) name the gas collected at anode and the cathode
(ii) Why is the volume of gas collected at one electrode is double of the other?
(iii) Why a few drops of dil. H_2SO_4 are added in water ?

Q15. What causes tooth decay and how it can be prevented?

SCIENCE ASSIGNMENT-2

CHAPTER- LIFE PROCESSES

Q1. What is nutrition? What are two modes of nutrition? Write four differences between the different modes of nutrition.

Q2. Write difference in parasitic and saprophytic mode of nutrition.

Q3. What is holozoic mode of nutrition? Explain nutrition in Amoeba with diagrams.

Q4. What is photosynthesis? Write the main events that take place during photosynthesis.

Q5. Write activities for the following:-

- A) To show that chlorophyll is necessary for photosynthesis.
- B) To show that CO₂ is necessary for photosynthesis.
- C) To show that light is necessary for photosynthesis.
- D) To show that O₂ is produced during photosynthesis.

Q6. What is alimentary canal? What are its important components?

Q7. What are functions of :-

- A) Stomach B) Small intestine C) Liver
- D) Pancreas E) Large intestine

Q8. What is the significance of hydrochloric acid in stomach?

SOCIAL SCIENCE

Q.1 Prepare a project on the following topic according to your Roll no. :-

- Sustainable Development ROLL NO. 1 TO 10.
- Consumer Rights & Duties ROLL NO. 11 TO 20.
- Importance of Biodiversities ROLL NO. 21 TO 30.
- Caste System of India & how it has become a hindrance in the development of the country? ROLL NO. 31 TO 40.
- Role of Pressure groups & Political Parties in democracy ROLL NO. 41 TO 50.

Q.2 Prepare Power point presentation on the following topics according to class and section:-

1. X- A,C :- Economics Ch- 1 Development
Ch-2 Sectors of Indian Economy
2. X-B,D:- History Ch-3 Nationalism in India
3. X-E,F:- Civics Ch-1 Powersharing
Ch-2 Federalism
Ch-4 Gender, Religion & Caste.
4. X-G,H:- G,H:- Geography Ch-1 Resources & Development
Ch-3 Agriculture
Ch-4 Minerals & Energy Resources.

SANSKRIT

- 1 पाठ्यपुस्तक के 1 2 3 4 5 6 के शब्द-अर्थ लिखों।
- 2 संस्कृत में 5 पत्रों 5 चित्रधारित वाक्यों की रचना करके उत्तरपुस्तिका ले लिखें।
- 3 1 से 100 तक संस्कृत संख्या लिखें।
- 4 संस्कृत में समय का एक प्रतिरूप बनाओ।
- 5 अपठित गद्यांश 10 का अभ्यास करो।

DRAWING

Do both Topics

X A to H

1 Table Mat A-3 size/ set of 6 coasters with Rope /Wool/ Kalawa size- 4” / 4”

X B and C Alphabet Designing with Pictures – A-4 size (Capital Letters)

X D and E Alphabet Designing with Pictures (Small letters) A- 4 Sheet

X G अ to अ : with pictures (A-4 Sheet)

X H क से ज्ञ with pictures (A-4 Sheet)

X A & F Book cover Designing on Ivory /Pastel Sheet size- 14” /10”

HOME SCIENCE

“Pocket Guide on First Aid”

Prepare a pocket guide on First Aid for your school. The First Aid pocket guide should contain aid that needs to be given for fractures, poisoning, cuts and burns. The content shared in the guide should be supported with adequate pictures so as to give a clear and elaborate understanding about the topic.

