

SHRI SHANKARACHARYA VIDYALAYA BHILAI

Term-II, Examination (2021-2022) SUMMER VACATION HOMEWORK CLASS – 8

1. ENGLISH

Homework –

Q I -Story writing

- 1) Given below is an outline of the story. Write a story in about 150 to 160 words
A rich man..... Had many servants..... purse with lot of money is stolen from rich man's drawer...
Rich man files a complaint in the police station.....all the servants called.....stick of same length given to
each.....servants told that stick of the thief will grow by 1 inch overnight..... the thief cuts his stick by 1
inch,..... he is easily caught the next day.
him
- 2) Son falls into bad company..... disobeys his parents.... Loses interest in studies.....father decides to bring
the son back to the right path.....gives him a few apples.....places a rotten apple among the good
ones.....after a few days the good apples also become rotten..... Son understands that one rotten apple
spoil all the apples.....tries to mend his ways.....gets transformed.

Note- Develop good stories from the given outlines. Write a proper title of the stories and remember to give the moral of the stories in the end .

Q II—letter writing

- 1) **You are Rupak / Rupali Agrawal living in Pritampura colony ,New Delhi .** Write a letter to your younger brother/younger sister advising him/her to give up the bad company in which hi/she she seems to have fallen. Taking help from the information given below write a letter in about 130 to 140 words.

**Hints---) letter from the principal
irregular in doing homework**

Friendship with decent and intelligent children

- 2) There are no proper street lights in your locality. This is leading to an increase in night time tips as well as accidents. Write a letter to the local district officer to look into the matter as early as possible. Write a letter in about 120 -30 words

* Art Integrated :

Make a video on any two festivals of Gujarat as well as Chhattisgarh . You are to introduce yourself and explain your project also in your own voice . You are to do your project individually and submit it in google classroom only.

2. HINDI

* Homework -

- 1) ग्रीष्मऋतु में आपके दिनचर्या से संबंधित एक सप्ताह का डायरी लेखन तैयार कीजिए।
- 2) मानव शरीर का चित्र बनाकर उसके अंगों के नाम लिखिए तथा उसके पर्यायवाची लिखकर मुहावरे, उर्ध्व तथा वाक्य प्रयोग लिखिए।

* Art Integrated :

गुजरात तथा छत्तीसगढ़ के विभिन्न देशभक्त कवियों तथा लेखकों के नाम लिखकर उनके चित्र चिपकाइए तथा किसी दो के विषय में विवरण दीजिए।

3. SANSKRIT :

* Homework -

- ① शब्दरूप -
अर्वनाम् - तत्, किम् (तानों लिंगों में)
अकारान्त पुल्लिङ्ग - "देव"
आकारान्त स्त्रीलिङ्ग - "सता"
अकारान्त पुल्लिङ्ग - "वित्"
- ② धातुरूप - परस्मैपद - वस्, गी, दा, वा
आत्मनेपद - लभ्, भेव्
(लट्, लृटलकारे)
- ③ अंशुयावाचक - 1 - 100 तक
- ④ अनुच्छेदः - अहिंसा परमो धर्मः
(शुद्ध तथा स्पष्ट अंशुओं में लिखें तथा धातु करें।)

* Art Integrated :

शीर्षक: - गुजरात राज्यस्य छत्तीसगढ़ राज्यस्य च लोकनृत्याः

गुजरात - डांडिया, भवाई, गरबा

छत्तीसगढ़ - पंथा नृत्य, भुआ नृत्य, शउत नाचा

(गुजरात तथा छत्तीसगढ़ राज्य के किसी भी एक-एक लोकनृत्य का, चित्र सहित, संस्कृत भाषा में संक्षेप वाक्यों में वर्णन करें।)

4. MATHS :

* HOMEWORK :

1. Learn properties of **Rational numbers** & learn and write **Things to Remember** of page no. **25** and **26** (Refer Chapter -1 of class-8 Maths book)
2. Find the two Rational numbers lying between (i) $\frac{-2}{3}$ and $\frac{1}{4}$ ii) **-6** and **-7** iii) $\frac{1}{2}$ and $\frac{3}{4}$ iv) $\frac{-4}{9}$ and $\frac{7}{8}$
3. Solve Exercise -1H (Qno. 1 to 10) Objective type questions.
4. Learn and write Laws of Exponents (Refer Chapter -2)
5. Solve Test Paper -2 Qno. 1 to 10 (Refer chapter-2)
6. Learn and write Squares of numbers from **1 to 40**.
7. By what least number should the given number be **multiplied** to get a perfect square number? In each case, find the number whose square is the **new number**. i) 2925 ii) 9075 iii) 7623

Note:-Maths vacation home work to be done in separate copy.

* Art Integrated : Project: Topic :-

(By using PAPER QUILLING/ PAPIER MACHE/BEADS/GRAINS etc.....)

Designing the school magazine and greeting/invitation cards.

Students can use different mathematical shapes & designs to make school magazine cover and greeting/invitation cards.....must be taken ideas of Gujarat & Chhattisgarh State and upload in Maths Google classroom in PDF format.

4. GENERAL SCIENCE :

* HOMEWORK : -

(1) PHYSICS –

Q.1 Answer the following in not more than 20 words.

- i) What do we do when we want to change the speed or direction of motion of a moving body ?
- ii) What makes a moving ball come to rest in a while even if no force is applied ?
- iii) What makes a ball thrown up into the air fall back to the ground ?
- iv) Mention three types of forces which can act from a distance ?
- v) Give two examples of situations in which it is helpful to increase friction.
- vi) Mention three advantages of friction between the parts of a machine.
- vii) What is pressure ? What is the SI unit of pressure ?
- ix) Why is the cutting edge of a knife made sharp ?
- x) What is SI unit of force ?

Q.2 Answer the following in not more than 40 words.

- i) What is a streamlined body ? How is it helpful for a body to have such a shape ?
- ii) How does (a) oiling and (b) using ball bearings help reduce friction ?
- iii) When you push something heavy, the resistance you feel decreases as the body starts moving. Explain what happens.
- iv) What is the characteristic that magnetic, electrostatic and gravitational forces have in common ?

Q.3 Answer the following in not more than 100 words.

- i) What does a spring balance measure ?
How would you demonstrate the principle on which it works ?
- ii) How is the pressure in a liquid related to depth ? How would you demonstrate this ?
- iii) Describe how friction helps and how it creates a problem when you cycle.

(2) CHEMISTRY –

1] Very short answer type question:

1. Name any two natural and artificial fibre.
2. Which fibre is known as artificial silk?
3. Name the basic component of animal fibre.
4. What is polythene?
5. Name the first fully synthetic fibre.
6. What is the full form of PVC?
7. Name the largest producer of Rayon in the world.
8. What are 5 R's ?
9. Which among the two is thermosetting plastic – PVC or Bakelite?
10. What is a monomer?

II] Short answer type question:

1. Draw the diagram to show the following:
 - a. Linear arrangement of units in plastic.
 - b. Cross-linked arrangement of units in plastic.
2. What are plastics?
3. What are polymers?
4. List any three properties of plastics.
5. What is the difference between thermoplastics and thermosetting plastics?
6. Give reasons for the following:
 - a. Nylon is used in making socks.
 - b. Polyester is used for making sails for boats.
 - c. Synthetic fabric is uncomfortable during summers.
 - d. Terylene clothes should not be worn while working in kitchen.

III] Value based question:

1. Why plastic items are available in all possible shapes and sizes?
2. What nature of plastics makes them a good storage containers for most of the articles?
3. Cotton is a natural polymer. What is its chemical name?
4. Riya's father got transferred to other place. While sorting out the things, Riya found many of her clothes of various fabrics were not fitting her or worn-out. She thought of burning them to get rid of them. But her friend Shweta suggested to donate it to some charity house so that it can be reused.
 - a. What are the two main types of fabrics?
 - b. Why we should not burn synthetic fibres?
 - c. Which fabrics are known to be skin friendly? Why?
 - d. Why synthetic clothes are famous than natural fabrics?

(3) BIOLOGY –

1. Very Short Answer type questions:-

- Q-1) Name the applied branch of biology that deals with plants as well as animals.
- Q-2) Explain the meaning of crop.
- Q-3) The rabi crops are known as winter crops. Give reason.
- Q-4) In agricultural practices which of the following comes first : Harvesting or Sowing?
- Q-5) Pumps are often used in agriculture. Give it's usage.
- Q-6) Give names of two traditional methods and two modern methods of irrigation.
- Q-7) Is there any advantage of using a cultivator?
- Q-8) Paddy cannot be grown in winter season. If yes why?

2. Answer the following questions:- (write each answer twice)

- Q-1) Give two examples of each :- (a) Rabi crop (b) Kharif Crop.
- Q-2) Write a paragraph in your own words on each of the following.
(a) Preparation of soil (b) Sowing (c) Weeding (d) Threshing
- Q-3) Explain how fertilisers are different from manure.
- Q-4) What is irrigation? Describe two methods of irrigation which conserve water.
- Q-5) Explain how soil gets affected by the continuous plantation of crops in a field.
- Q-6) what are weeds? How can we control them?

3. Extra questions:-

- Q-1) Draw/sketch new agriculture machine pictures with their names and uses in your biology copy.
- Q-2) Gather information about:-
- Importance of seed selection.
 - Methods of irrigation (Traditional method as well as Modern method).
- Q-3) As a part of an activity you are provided with some materials given in the box.
- List the other materials you would require.
 - How will you plan the garden?
 - Write the steps.

Khurpi, Water Can, Spade, Shovel

*** ART INTEGRATED :**

Q) Make a sketch of aesthetic organization of the physical environment by enhancing the surrounding area, i.e., landscaping including plantation of trees and other flowering plants and vegetables.(Depict a message through your sketch.)

Note:- Make the sketch using pencil shading, water colour, crayons,etc.

5. SOCIAL SCIENCE :

*** HOMEWORK : 1. History:-**

1. Collect pictures of Tipu Sultan, Rani Lakshmi Bai and Maharaja Ranjit Singh and paste them in your copy. Write their reigning period and area of rule.

2. On a political map of India, locate and label the following:-

(a) Delhi, (b) Gwalior, (c) Indian Ocean, (d) Hugli, (e) Calcutta, (f) Madras, (g) Mysore.

3. Write Short note on the following:-

(a) The Battle of Plassey

(b) System of Subsidiary alliance

(c) Doctrine of Lapse.

4. Picture based questions:-

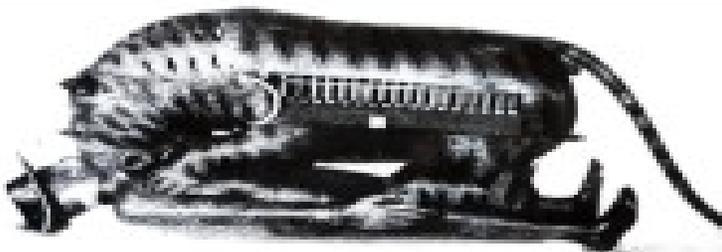
Q. 1.



Questions:

- (i) Identify the person above.
- (ii) When was he appointed the Governor of Bengal?
- (iii) Which battle did he fight in 1757 and against whom?

Q.2



Questions :

(i) What is it ?

(ii) Where is it kept ?

(iii) When did the British take it way ?

2. Geography:-

1. "Rahiman paani raakhiye,

Bin pani sab soon

Paani Gaya na Uber

Moti,Manus,choon"

These lines were written by the poet Abdur Rahim Khankana one of the nine gems of Akhbar's court. What kind of resource is the poet referring to? Write in 100 words What would happen if this resource disappeared?

2. Make a list of advantage accruing from having a forest.

3. Draw a well label diagram of'Soil Profile'.

4. Define the following:-

(a) Natural Resource, (b) Actual Resource, (c) Potential Resource, (d) Renewable Resource,

(e)Non renewable Resource, (f) Sustainable Development, (g) Deforestation, (h) Afforestation,

(l) Weathering, (j) Terrace Farming (k) Water cycle (l) Biosphere.

3. Civics :-

1. List the Fundamental Rights of the Indian Constitution guaranteed to Indian citizen. Mention the fundamental duties of the citizens in a democratic country.

Q. 5. The column on the left lists some of the key features of the Indian Constitution. In the other column write two sentences, in your own words, on why you think this feature is important:

Key Features	Significance
Federalism	
Separation of Powers	
Fundamental Rights	
Parliamentary form of Government	

2. Colour in the following countries in the political map of India:-

(a) Colour India in red.

(b) Colour Nepal in green.

(c) Colour Bangladesh in yellow.

*** ART INTEGRATED : - Collect the pictures of 6 famous Monuments of India ,paste them in your drawing copy or scrap book and write few lines about each.**

Upload your work in the Google classroom.