



## GURU GOBIND SINGH PUBLIC SCHOOL

SECTOR V/B, BOKARO

SESSION: 2023 - 2024

### SUMMER HOLIDAY HOMEWORK

**CLASS: VII**

**Subject-English**

#### General Instruction –

- ★ The Holidays home work must be done in a very neat and presentable manner.
- ★ Questions must be done in the given sequence.
- ★ The child will be assessed for the presentation, neatness, completion of all the given questions and timely submission.
- ★ For the project, wherever it is mentioned, strictly adhere to the instructions.
- ★ Complete the work on A-4 size sheet

#### READING SECTION

1. Complete all the 5 comprehension given in grammar book.

#### WRITING SECTION

1. Write biography on the following authors or poets in 200 to 300 words.  
a) R.K Narayan.    b) Rabindranath Tagore.    c) Ruskin Bond.    d) Satyajit Ray
2. Design an English magazine which should have the following:
  - An attractive cover page and name of the magazine
  - A few articles on the City of your choice.
  - An interesting, self-written story/poem
  - English riddles/amazing facts
  - Self-made advertisements
  - 5 Idioms and 5 Proverbs depicted pictorially
  - An interview with a celebrity
3. Write a diary entry on 'A visit to Hill Station'.

#### GRAMMAR SECTION

1. Learn different forms of regular and irregular verbs given in grammar book from page 244 to 246
2. Learn antonyms and synonyms, homophones and prefixes given in chapter 22 of the grammar book.
3. Write ten collective nouns and 20 attributive nouns.
4. Write 10 homophones with their meanings.

## **LITERATURE SECTION**

1. Read the chapter 1, 2 and 3 of your coursebook loudly and mark out the hard words.
2. Learn word meanings and question/answers of the chapters.
3. Complete the exercises given at the end of the chapters.



**गुरु गोबिंद सिंह पब्लिक स्कूल**  
**जनवृत पाँच/ बी, बोकारो इस्पात नगर**  
**ग्रीष्मकालीन अवकाश कार्य**

**सत्र- 2023-24**

**कक्षा- 7**

**विषय- हिन्दी**

**परियोजना कार्य: -**

1. शिक्षक की अनुपस्थिति में आप अपनी कक्षा में किस प्रकार शांति स्थापित कर सकते हैं ? पाँच वाक्यों में लिखिए । फ़ाइल में लिखें
2. किसी एक खेल को खेले जाने की विधि का माडल बनाकर उसका वर्णन अपने शब्दों में कीजिये । फ़ाइल में लिखें।
3. कौरवों और पांडवों के नाम तथा उनके पुत्रों के नाम चार्ट पेपर पर वंश-वृक्ष द्वारा दर्शाए ।

4 .आप नदियों को किस रूप में देखते हैं ?उनकी सफ़ाई के लिए आप क्या प्रयास कर सकते हैं ? फ़ाइल में लिखें ।

### पाठमाला

पाठ 1.हम पंछी उन्मुक्त गगन के, पाठ 2.दादी माँ  
पाठ 3.हिमालय की बेटियां, पाठ 4.कठपुतली  
पाठ 5.मिठाईवाला

### महाभारत

पाठ 1- महाभारत कथा, पाठ 2- देवव्रत .  
पाठ 3- भीष्म प्रतिज्ञा, पाठ 4- अंबा और भीष्म  
पाठ 5- विदुर, पाठ 6- कुंती, पाठ 7- भीम, पाठ 8- कर्ण  
पाठमाला और महाभारत के दिए गए पाठों को पढ़कर याद करें।

### व्याकरण: -

\* वचन बदलो - पेज न. 46-47

\* लिंग बदले - पेज न. 40 -41

\* पर्यायवाची शब्द- 1-20 तक

\* विलोम शब्द-अतिवृष्टि से सुलभ तक

\* वाक्यांश के लिए एक शब्द-1-20

\* समरूपी भिन्नार्थक शब्द-1-20

\* अनेकार्थक शब्द - 1-10 तक

\* मुहावरे -1-18 व्याकरण पुस्तिका से दिए गए सभी उपरोक्त कार्य लिखकर याद करें।



\*\*\*\*\*



# गुरु गोबिंद सिंह पब्लिक स्कूल

सेक्टर 5/ बी,बोकारो इस्पात नगर

-ग्रीष्मावकाश गृहकार्य--2023-24

कक्षा:...7

विषय: संस्कृत

\*\*\*\*\*

(1) पाठ्यपुस्तक से - पाठ 1 से 3 तक के सभी शब्दार्थों को लिखकर याद करें।

(2) व्याकरण से -

(i) संस्कृत में कुल कितने वर्ण होते हैं?

(ii) स्वरवर्ण कितने हैं?

(iii) व्यञ्जन वर्ण कितने होते हैं?

(iv) उष्मवर्ण कितने हैं?

(v) अन्तस्थः वर्ण कितने हैं?

(vi) देव, रमा, एवं मित्र का शब्दरूप लिखकर याद करें।

(3) रचनात्मक कार्य:-

(1) पाठ-4 'श्लोकाः' पाठ को चार्ट पेपर में सुन्दर अक्षरों में लिखें ।

(11) निम्नलिखित का उच्चारण स्थान लिखें।

ह, श, म्, व्, र्, ट्, ए, प्, ओ, ष्( उच्चारणस्थान का चित्र बनाकर)

नोट :- सभी कार्य पतली कापी में करें । (रचनात्मक कार्य छोड़कर)



**Guru Gobind Singh Public School**  
**Sector-V/B, B. S. City**  
**Holiday Homework (Session: 2023-24)**  
**Sub- Mathematics**

**Class: 7**

**I. Do in thin copy**

- (a) Write and learn Multiplication table 2 to 20 .
- (b) Write and learn divisibility test 2 to 11 .
- (c) Write and learn properties of Addition , Subtraction , Multiplication and Division of integers.

**II. Do in A<sup>4</sup> size paper.**

- (a) The activity No.1 given at the back of R S Aggarwal book .
- (b) With the help of geometrical shapes show equivalent fraction .

III. Complete activity No. 1 in your Maths Lab Mannual book.

IV. Complete all objective question of chapter 1,2 and 3 in your book .

V. Make a PPT on the following topics

- (i) Triangle and types of triangles.
- (ii) circle and parts of circle.

.....:;: VVVVVVVV:.....



**GURU GOBIND SINGH PUBLIC SCHOOL**  
**SECTOR-V/B,B.S.CITY**  
**SESSION 2023-24**

**Holiday assignment of Summer vacation**  
**Subject:- PHYSICS**

**Class:- VII**

---

MCQs-

1. SI unit for expressing the speed is =  
a. m    b. m/s    c. Km/h    d. Km/m.
2. The instrument used in vehicle to measure distance is-  
a. odometer    b. speedometer    c. barometer    d. thermometer .
3. SI unit of time is-  
a. second    b. minute    c. hr    d. day.
4. The clock and watches which are used for measuring time are based on-  
a. rectilinear motion    b. circular motion  
c. periodic motion    d. random motion.
5. The sundial is a device for measuring  
a. time    b. speed    c. distance    d. height .
6. Speedometer can measure-  
a. speed    b. distance    c. time    d. all of these.
7. Motion of simple pendulum is-  
a. periodic motion    b. rectilinear motion  
c. circular motion    d. random motion
8. The earth has –  
a. three types of motion    b. two types of motion  
c. one type of motion    d. random motion
9. The birds flying in the sky is an example of-  
a. random motion    b. circular motion  
c. periodic motion    d. rectilinear motion
10. Cubit was used to measure –  
a. distance    b. time    c. speed    d. all
11. Read the passage carefully and answer-

The distance between Patna to New Delhi is 1200 km. Rajdhani Express has left Patna station at 1 'o' clock and reached New Delhi 10 'o' clock. Find the distance between these two cities, time take by train to cover this journey and the average speed of the train?



12. Out of a distance-time graph, a pie chart and a bar graph which one is the most suitable to show-

a. Runs scored in various overs in a cricket match?

b. variation of distance covered by car with time?

c. percentage composition of air?

13. Draw distance-time graph of-

a. A car is moving with constant speed

b. A car is parked on road side

c. A car is moving with changing speed .

14. A distance-time graph of a moving object is parallel to distance axis.

What does it mean?

15. a. All uniform motion is uniform speed.

b. All uniform speed is uniform motion.

Which one is correct statement?



**GURU GOBIND SINGH PUBLIC SCHOOL**  
**SECTOR- V/B,B.S.CITY**  
**SESSION 2023-24**

**Holiday Assignment of Summer Vacation**  
**Subject:-Chemistry**

**Class:- 7**

---

1. MCQ

A) Which of the following is not an indicator?

- (a) Methyl orange
- (b) Antacid pill
- (c) Both (a) and (b)
- (d) None of the above

B) Baking soda turns \_\_\_\_\_.

- (a) Blue litmus red
- (b) Red litmus blue
- (c) Both (a) and (b)
- (d) None of the above

C) What is the chemical name of baking soda?

- (a) Sodium acetate
- (b) Sodium bicarbonate
- (c) Sodium sulphate
- (d) None of the above

D) Which of the following substances turns a red litmus blue?

- (a) Acidic
- (b) Basic
- (c) Both (a) and (b)
- (d) None of the above

E) The correct way of making a solution of acid in water is to

- (a) add water to acid.
- (b) add acid to water.
- (c) mix acid and water simultaneously.
- (d) add water to acid in a shallow container.

2. Make a flowchart on different categories of acids.

3. Make a flowchart on different categories of indicators.

4. Make turmeric paper by depositing turmeric paste on blotting paper/filter paper/cloth and drying it and paste it in your class work note book.

5. Prepare China rose indicator .

6. Perform the following hands on activity and write your observation in your practical notebook on it.

- a. Action of turmeric on acids and base.
- b. Action of China rose on acids and base

7. Define the following terms with suitable examples.

- a) Indicator
- b) Natural indicator
- c) Synthetic indicator
- d) Acid

8. Write few properties of acids and bases .

**\* Note -Learn question 6,7 and revise the related questions from the topic indicators and acid from exercise of the book of Ch- Acid, Bases and Salts.**



**GURU GOBIND SINGH PUBLIC SCHOOL**  
**SECTOR- V/B, B.S.CITY**

**SESSION 2023-24**

**Holiday assignment of Summer vacation**  
**Subject :- BIOLOGY**

**Class:- VII**

---

**A. Multiple Choice Questions**

1. Organisms which prepare food for themselves using simple naturally available raw materials are referred to as

- (a) heterotrophs.      (b) autotrophs      (c) parasites.      (d) saprophytes

2. In the absence of which of the following will photosynthesis not occur in leaves ?

- (a) Guard cells.      (b) Chlorophyll      (c) Vacuole      (d) Space between

3. Which of the following statements is/are correct?

- (i) All green plants prepare their own food
- (ii) Most animals are autotrophs
- (iii) Photosynthesis requires carbon dioxide
- (iv) Oxygen is liberated during photosynthesis

Choose the correct answer from the options below:

- (a) (i) and (iv)      (b) (ii) only      (c) (ii) and (iii)      (d) (i) and (ii)

4. Pitcher plant traps insects because it :

- (a) is a heterotroph
- (b) grows in soils which lack in nitrogen
- (c) does not have chlorophyll
- (d) has a digestive system like human

5. The term is used for the mode of nutrition in yeast, mushroom and bread-mould is

- (a) autotrophic.      (b) insectivorous      (c) saprophytic.      (d) parasitic

6. When we observe the lower surface of a leaf through a magnifying lens we see numerous small openings. Which of the following is the term given to such openings?

- (a) Stomata.      (b) Lamina      (c) Midrib.      (d) Veins

7. Two organisms are good friends and live together. One provides shelter, water, and nutrients while the other prepares and provides food . Such an association of organisms is termed as :

- (a) autotrophs.      (b) saprophytes      (c) symbiosis.      (d) parasites

8 Which of the following raw material is available in the air for Photosynthesis?

- (a) Oxygen.      (b) Carbon dioxide      (c) Nitrogen.      (d) Hydrogen

9. A parasitic plant with yellow, slender and tubular stem

- (a) Cuscuta.      (b) Pitcher plant      (c) Golden roads.      (d) All the above

10. Lichens are the association of  
(a ) An autotroph and a saprotroph      (b) An autotroph and a heterotroph  
(c) A green plant and non-green plant      (d) All the above

B. Answer these questions

1. What will happen if plant leaves are devoid of stomata?
2. Differentiate between
  - (i) Parasites and Saprophytes
  - (ii) Plant cell and Animal cell
3. Why do insectivorous plants feed on insects?
4. Pooja is worried about her new shoes which she wore on special occasions that they were spoiled by fungus during rainy season. Is she right to worry, if yes, then tell why does fungi suddenly appears during the rainy season?
5. Plants are considered an essential part of earth as they keep a check on lot of process occurring all over. What would happen if all the green plants are wiped from earth?
6. How farmer is benefited from symbiotic relationship between rhizobium bacteria and legumes?
7. Collect pictures of some Insectivorous plants and write few lines about them.

\*\*\*\*\*



# **GURU GOBIND SINGH PUBLIC SCHOOL**

**Sector-5/B, B.S.City**

SESSION-2023-24

## **SUMMER VACATION HOLIDAY HOMEWORK**

### **CLASS-VII SUB: SOCIAL SCIENCE**

Note: - All the assignment should be done in a bamboo file.

1. Draw or paste the pictures of different rulers of Delhi Sultanate along with their characteristics & features.
2. Make a chart on the topic go green keep clean.
3. Make a chart showing global warming and write its harmful consequences.
4. Choose any one national party in India and make a poster on its symbols, flag, ideology and the number of times it has been in the government
5. Learn Ch-1 exercises of History , Civics , Geography .



**Guru Gobind Singh Public School**  
Sector-5/B, B.S.City



**SUMMER VACATION TASK**  
SESSION: 2023-24

**CLASS-7**

**SUB: COMPUTER**

1. Draw the diagram of the following Network Topologies.( page no 25,26,27)
  - a) Point to Point Topology
  - b) Bus Topology
  - c) Ring Topology
  - d) Star Topology
  - e) Tree Topology
  - f) Mesh Topology
2. Solve the following:
  - a)  $(1100)_2 + (1000)_2$
  - b)  $(1111)_2 - (0101)_2$
3. Convert the following:
  - a)  $(233)_{10} = ( ? )_2$
  - b)  $(1111)_2 = ( ? )_{10}$
4. Identify different types of numbers given in the following box and write them under the appropriate category.

$(5841)_{10}$	$(1111)_8$	$(1001)_2$	$(3FA7)_{16}$
$(1946)_{10}$	$(170)_8$	$(1B01)_{16}$	$(11010)_2$

**Decimal**

**Binary**

**Octal**

**Hexadecimal**

5. Learn and write the following full forms :
  - a) LAN
  - b) NIC
  - c) WAN
  - d) PTP
  - e) MAN
  - f) PAN
  - g) PDA

**Note: Do all above mentioned work in Lab Manual copy.**

**HAPPY  
HOLIDAY**