



# DELHI PUBLIC SCHOOL GAYA

Under the aegis of the Delhi Public School Society, New Delhi  
Affiliated to C.B.S.E., New Delhi Affiliation No.330530, School Code – 65572

## SUMMER VACATION ASSIGNMENT (SESSION:2024-25)

Medium :	Class: VII
Subject :	Adm. No:
Name :	

*Are you looking for some interesting and fun learning assignments to make your learning session interesting and engaging? Here in this assignment, you will find some very interesting and engaging tasks that will be fun to solve.*

### ENGLISH

#### Instructions:

1. Compile a file, neatly in presentable, colourful way. Title it as Portfolio.
2. Be creative in describing about yourself. You can stick your photographs, show your style and thoughts through the file.
3. Write an acknowledgement on the second page.
4. List the content headings and page numbers on the third page.
5. Write each topic on a new page.
6. Use pictures and captions whenever possible.
7. All you Holiday Assignments of English must be attached to this and submitted on the day of your arrival.

#### SPEAKING: “The Tiny Teacher”

Based on your understanding of “The Tiny Teacher”, write a speech on what are the qualities you have learnt from your mother and father.

Deliver the speech to them and ask them to evaluate your speech by giving your numbers on 10.

Attach your speech as well as written feedback from your parents (in any language) about how they felt about the narration.

Make it as a neat presentation, for your file.

#### LISTENING: “The Rebel”

Listen to the song “Get up stand up” by Bob Marley which is related to rebellion and write any 3 poetic devices that you can find in the song.

Make it as a neat presentation, for your file.

#### WRITING: “Three Questions”

Imagine you are the hermit in “Three Questions”. Write briefly the incident of your meeting the king. Begin like this:

“One day I was digging in my garden. Aman in ordinary clothes came to see me. I knew he was the king...”

Make it as a neat presentation, for your file.

### READING: “Three Questions”

Read the chapter “Three Questions” and frame your own answers to the three questions that were asked by the king to the hermit.

Make it as a neat presentation, for your file.

### ART INTEGRATED LEARNING: “Quality & Trees”

Take a picture of trees and plants that you see around you. Take a print out of the pictures and stick it in your file. Label the name of the tree or plant that you have pasted.

Make it as a neat presentation, for your file.

### MULTIDISCIPLINARY PROJECT: “Homage to Our Brave Soldiers”

Based on the chapter – The Rebel, read the freedom fighters of India that you have studied in SST and make a poster illustrating why they are considered the heroes of the nation. (Any 2)

Make it as a neat presentation, for your file

## हिन्दी

1. तत्सम शब्द, तद्भव शब्द, देशज शब्द तथा विदेशी शब्द के दस-दस उदाहरण चार्ट पेपर पर लिखिए।
2. प्रदूषण के विभिन्न प्रकारों पर आधारित मॉडल तैयार कीजिए।
3. लू लगने पर क्या प्राथमिक चिकित्सा दी जा सकती है? अपने अभिभावकों की सहायता से लगभग 100 से 120 शब्दों में लिखिए।
4. देश-विदेश के विभिन्न पोस्टकार्ड, स्टैम्प को इकट्ठा कर एक अलबम तैयार कीजिए।
5. एक चार्ट तैयार कीजिए जिसमें कारक के भेदों एवं उनके परसर्गों को वृक्ष के रूप में दर्शाया गया हो।

## SANSKRIT

### A. अधोलिखितस्य श्लोकस्य भावार्थं हिन्दीभाषायां लिखत--

1. पृथिव्यां त्रीणि रत्नानि जलमन्नं सुभाषितम् ।  
मूढैः पाषाणखण्डेषु रत्नसंज्ञा विधीयते ॥
2. सत्येन धार्यते पृथ्वी सत्येन तपते रविः ।  
सत्येन वाति वायुश्च सर्वं सत्ये प्रतिष्ठितम् ॥

भावार्थ:-

### B. प्रदत्तपदानि दृष्ट्वा तेषाम् लिंगं (पुल्लिंग, स्त्रीलिंग, नपुंसकलिंगम् ) लिखन्तु ।

कन्या

पर्वतः

चटकः

रत्नम्

नगरम्

क्रीडा

.....  
.....  
.....  
.....  
.....

शिखा	.....
जलम्	.....
मृगः	.....
मेघः	.....
धनम्	.....
अम्बा	.....

**C. वर्ण-विन्यासं कुरुत—**

क) नगरम् =	ख) नौका =
ग) मुनयः =	घ) पक्षिणः =
ङ) सलीलः =	च) अन्नम् =
छ) सत्यम् =	ज) मकरः =
झ) वृक्षः =	ञ) पर्यङ्कः =

**D. वर्णान् संयोज्य लिखत-**

क) द् + ऊ + र् + अ + भ् + आ + ष् + आ =	.....
ख) च् + अ + न् + द् + र् + अः =	.....
ग) उ + द् + य् + आ + न् + अ + म् =	.....
घ) श् + उ + न् + अ + क् + अः =	.....
ङ) म् + अ + य् + ऊ + र् + अः =	.....
च) क् + ऋ + ष् + अ + क् + अः =	.....
छ) स् + औ + च् + इ + क् + अः =	.....
ज) द् + अ + र् + श् + अ + न् + अ + म् =	.....
झ) क् + अ + प् + ओ + त् + अः =	.....
ञ) प् + अ + र् + ई + क् + ष् + आ =	.....

**E. "बालक एवं लता" शब्द रूपं लिखित्वा कंठस्थं कुरु ।**

**F. मञ्जूषातः व्यञ्जनानि पृथक्कृत्य निर्देशानुसारं लिखत--**

भ्, ल्, व्, स्, ह्, क्, झ्, ढ्, द्, ख्, इ, ज्, ध्, ब्,

क् वर्गः -	.....	.....
च् वर्गः -	.....	.....
ट् वर्गः -	.....	.....
त् वर्गः -	.....	.....
प् वर्गः -	.....	.....
अन्तःस्थः -	.....	.....
ऊष्म वर्णाः -	.....	.....

**G. अधोलिखित-प्रश्नानामुत्तराणि एकपदेन लिखत (पुस्तकं दृष्ट्वा)**

1. पृथिव्यां कति रत्नानि ?
2. मुढैः कुत्र रत्न संज्ञा विधीयते ?
3. पृथ्वी केन धार्यते ?
4. रविः केन तपते ?
5. बहुरत्ना का ?
6. कैः सः सहासीत ?
7. कैः सह संगीतं कुर्वीत ?
8. लोके वशीकृतिः का ?
9. वायुः केन वाति ?
10. सर्वं कुत्र प्रतिष्ठितम् ?

## MATHEMATICS

- On May 24, the End of Topic Test containing 10 questions was conducted, 4 marks were given for every correct answer and (-2) for every incorrect answer.
  - Fatima attempts all questions out of which 8 are correct. How much did she score?
  - Arnav gave 6 answers correct and two answers incorrect. What is his total score?
  - Who scored more - Fatima or Arnav, and by how much?
- The given information shows the freezing points in °F of different gases at sea level. Convert each of these into °C to the nearest integral value using the relation.

$$C = \frac{5}{9} [F - 32]$$

Freezing point of Hydrogen = (-435)°F

For Krypton, freezing point = (-251) °F

For Oxygen, freezing point = (-369)°F

- Taking today as zero on the number line, if the day before yesterday is 17 January, what is the date on 3 days after tomorrow?
- Find the perimeter of the rectangle having length as  $7\frac{3}{10}$  cm and the width is  $\frac{3}{5}$  cm. Also find the area of the rectangle.
- By how much should 32.67 be increased to get 60.1 and be decreased to get 26.87?
- Evaluate:**
  - $1.1 \times 1 \times 0.1$
  - $4.669 \div 2.3$
  - $0.023 \times 0.03$
  - $.012 \div .15$
  - $0.5 \times 0.05$
- Lab **Activity-1**: To represent the products of decimal numbers such as:
  - $0.7 \times 0.3$
  - $0.5 \times 0.5$  on a square sheet.

### Reference:

[https://cbseacademic.nic.in/web\\_material/publication/archive/maths\\_activity\\_class\\_3\\_8\\_part3.pdf](https://cbseacademic.nic.in/web_material/publication/archive/maths_activity_class_3_8_part3.pdf)

*Do the activity on papers and submit in a file.*

- Make a working project on integer board.

### Reference:

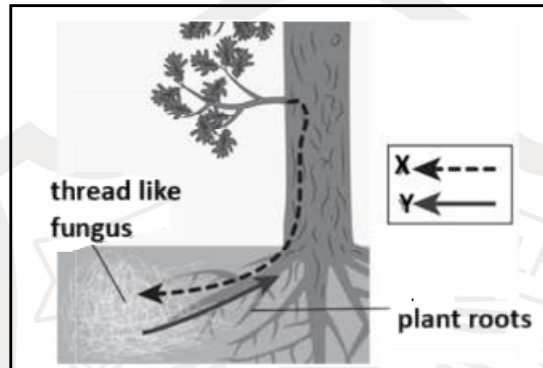
<https://www.youtube.com/watch?v=MToYxMKbQic>

**Portfolio**

1. Write an experiment to show the presence of starch in leaves.
2. Prepare a project report on the adaptive features of any three animals belonging to polar region and tropical rain forest. Also paste the picture of the animals.
3. Design an experiment to show that black objects are good absorber and silvery objects are good emitter of heat.

**Assignment notebook**

1. The picture below shows thread-like fungi that live near some plants. The fungi wrap around and pierce the plant's roots. It helps the plant to get minerals and water from the soil. The plant provides carbohydrates to the fungi.



- (a) X and Y show the direction of flow of substances from one source to another. Which substances move in:
    - X direction
    - Y direction
  - (b) Is the group of fungi shown in the picture a type of parasite? Explain your answer.
2. Read the following passage carefully and answer the questions that follow it.
 

Bile juice is stored in a sac called, gall bladder, located near its organ of secretion, liver. The gall bladder releases the bile juice into the small intestine whenever food reaches there. Though bile juice is devoid of any digestive enzymes, it is required for the digestion of fats. The fats cannot be digested easily because they are insoluble in water and are present as large globules. Bile juice breaks down big fat droplets into smaller droplets. These are then easily digested by the enzymes released from the pancreas

    - (a) Which organ secretes the bile juice?
    - (b) Why is digestion of fats difficult as compared to that of other nutrients?
    - (c) How does bile juice help in digestion of that of other nutrients?
    - (d) Where is the digestion of fat completed?

(e) Does bile juice digest fat completely?

3. Differentiate between clinical and laboratory thermometer. (3 points)

### SOCIAL SCIENCE

1. Compare the maps made by two cartographers in the 12<sup>th</sup> and 17<sup>th</sup> centuries with a modern map of Indian Subcontinent. List the similarities and differences.
2. On an outline map of India, mark and label the region ruled by the different dynasties in North, Central and South India from 700 CE to 1200 CE.
3. Draw a timeline to show the extent of major dynasties of Delhi Sultanate.
4. Collect the information from the internet on Razia Sultana. Make an assessment of her as a military leader.
5. With the help of newspaper cuttings and internet, collect information on BHUJ EARTHQUAKE of 2001. Make a collage of it.
6. Make a tabular chart of some of the main political parties of your state, their symbols and mention whether they are national, regional or local parties.
7. Find out the name of the Chief Election Commissioner of India.
8. Complete page no 5 to 17 in MAP PRACTICE book.

### COMPUTER

1. Display the various Number systems along with their bases on a Chart Paper.
2. Convert as directed:
  - (a)  $(48)_2 \rightarrow ( )_{10}$
  - (b)  $(10101010)_2 \rightarrow ( )_{16}$
  - (c) Convert  $(1001)_2$  to octal number system.
3. Addition
  - (a)  $111010101 + 101011$
  - (b)  $1101010101 + 110101010$
  - (c)  $110011 + 1100001$
  - (d)  $10101010 + 010101$
4. Subtraction using 1's Complement:
  - (a)  $111000111 - 1010110$
  - (b)  $11010101 - 1010001$
  - (c)  $100001 - 1010$
  - (d)  $111001 - 1001$
5. How many ones (1's) are there in the binary representation of decimal number 512?
  - (a) 1
  - (b) 2
  - (c) 3
  - (d) 5
6.
  - (a)  $(1011101)_2 = (5D)_{16}$
  - (b)  $(C2)_{16} = (1000010)_{10}$
  - (i) Both a) and b) are correct.
  - (ii) Both a) and b) are incorrect.
  - (iii) a) is correct and b) is incorrect.
  - (iv) Either a) or b) is correct.
7. A-F is used in which Number System?

- (a) Hexa-Decimal (b) Decimal  
(c) Octal (d) All the above
8. Which of the following is a binary equivalent of 35?  
(a) 10001 (b) 100101  
(c) 100011 (d) 100011
9. What is HTML? Name any 5 tags of HTML.
10. What are Lists in HTML? Name the different types of Lists in HTML.
11. MY VISION FOR INDIA in 2024. Which tag would you use to underline the text?

## GERMAN

- Task 1: Make a vivid collage of German festivals using colorful photos and also describe them in few lines.
- Task 2: Create your own picture dictionary of 10 'Haustiere' and also write about them in few lines in German.
- Task 3: Create your own picture dictionary of 20 German nouns. Draw the beautiful picture. Write their meanings in English also.
- Task 4: Schreiben Sie bitte über 'Meine familie'
- Task 5: Schreiben Sie bitte über 'Mein Schule'.

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