



# 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 CLASS-VIII (SESSION: 2025-26)

Your Summer Vacation assignment has some very interesting tasks that will make your learning session fun and engaging. So, let's start!

### ENGLISH

#### 1. Comprehensive Questions (The People Upstairs)

*"The people upstairs all practice ballet,  
Their living room is a bowling alley,  
Their bedroom is full of conducted tours,  
Their radio is louder than yours,  
They celebrate week-ends all the week."*

- (i) What does the poet most likely mean by "Their living room is a bowling alley"?
  - (a) It's decorated like an alley
  - (b) It's always noisy
  - (c) It is long and narrow
  - (d) It is used for sports
- (ii) How does the poet exaggerate the daily life of the people upstairs in this extract?
- (iii) What does the poet imply about their radio habits?
- (iv) The mood of the speaker can best be described as:
  - (a) Grateful
  - (b) Terrified
  - (c) Annoyed but amused
  - (d) Relaxed
- (v) What kind of lifestyle do the people upstairs seem to lead, based on the extract?

#### 2. Comprehensive Questions (The Snake Pit)

*"The journey was long and arduous, but Olav and Ingunn pressed on, determined to claim what was rightfully theirs."*

- (i) What motivates Olav and Ingunn to continue their journey?
  - (a) Desire for adventure
  - (b) To claim what was rightfully theirs
  - (c) To escape danger
  - (d) To seek treasure
- (ii) What can be inferred about Olav and Ingunn from the sentence?
  - (a) They were fearful of the journey

- (b) They were determined and strong-willed
- (c) They were unprepared for the journey
- (d) They did not enjoy the journey
- (iii) Why was the journey described as arduous for Olav and Ingunn?
- (iv) How does the phrase “pressed on” contribute to the understanding of the characters’ persistence?
- (v) The word ‘arduous’ in the extract means \_\_\_\_\_.

### 3. Comprehensive Questions (The Snake Pit)

*“The snake pit was not just a physical place but a symbol of the treachery and deceit that surrounded them.”*

- (i) What does the snake pit symbolize in the story?
  - (a) A hidden treasure
  - (b) A place of healing
  - (c) Treachery and deceit
  - (d) Family values
- (ii) What literary device is used in referring to the snake pit as a symbol?
  - (a) Metaphor
  - (b) Simile
  - (c) Alliteration
  - (d) Hyperbole
- (iii) Why is the snake pit described as symbolic in the story?
- (iv) How does this line deepen the reader’s understanding of the conflict in the story?
- (v) What emotions might the characters feel as they encounter this symbolic snake pit?

### Creative Writing [2x5=10 Marks]

**Important Note:** The creative writing pieces from this section will be considered for the Inter-House Creative Writing Event scheduled for June. Your best work may represent your house in the competition!

#### General Instructions:

- Originality is key: All submissions must be entirely your own work. Plagiarism—copying from books, websites, or any other sources—will lead to disqualification and zero marks. We value your individual creativity and voice.
- Presentation format:
  - \* Use A4 sheets only.
  - \* Write neatly in clear, legible handwriting.
  - \* Each page must include your name, class, and section.
  - \* Mention the word count at the end of every piece.
- Creative Portfolio:
  - \* Design a hardcover folder titled “PORTFOLIO.”
  - \* Begin with a self-introduction page (brief write-up about yourself).

\* File all your best language-based work from the holiday assignment inside this portfolio.

\* Arrange your A4 sheets neatly and creatively within it.

- Evaluation Criteria: Originality, imagination, clarity of expression, language use, and overall presentation will be key to your assessment.

Let your words reflect your thoughts. Let your presentation reflect your passion. Your portfolio is your creative fingerprint – make it count!

### Prose Writing:

What impact is India's Jal Jeevan Mission having on rural life?( Write a Prose in 74 words with a suitable title)

### Poetry Writing:

Draft a 54-word poem on India crossing 200 million 5G subscribers.

### हिन्दी

1. समाज से भ्रष्टाचार दूर कैसे होगा? इस परिप्रेक्ष्य में 80–100 शब्दों में अपने विचार लिखिए।
2. गर्मी के मौसम में घर से बाहर निकलने से पहले क्या-क्या सावधानियाँ बरतनी चाहिए? सूची तैयार कीजिए।
3. वर्ण की परिभाषा, वर्णों के भेद एवम् इसके उदाहरण देते हुए चार्ट पेपर पर वर्णों का एक वृक्ष तैयार कीजिए जिसकी शाखाओं में वर्णों के भेद तथा पत्तियों में उदाहरण अंकित हों।
4. 'कोशिश करने वालों की .....' कविता के आधार पर एक ऐसी कहानी लिखिए जिसमें निरंतर प्रयास द्वारा सफलता प्राप्त करने की सीख मिलती हो।
5. सदाचार के महत्त्व को समझाते हुए लगभग 80–100 शब्दों में अपने विचार प्रस्तुत कीजिए।

### SANSKRIT

१. संज्ञा शब्दरूपाणि- बालक, लता, फलम्, मति, मुनि, नदी।
२. सर्वनाम शब्दरूपाणि- अस्मद्, युष्मद्, तत्, एतत्, और किम् ( त्रिषु लिङ्गेषु )  
एतत् गृहकार्यं स्वस्य परियोजनापुस्तिकायाम् (Assignment Copy) लिखत।

### MATHEMATICS

1. Write each of the following numbers as difference of the square of two consecutive natural numbers.  
(i) 75 (ii) 125
2. Find the square root of 225 using successive subtraction of odd numbers starting from 1.
3. Find the greatest 5-digit number which is a perfect square.
4. If  $x = \frac{1}{2}$ ,  $y = -\frac{2}{3}$  and  $z = \frac{1}{4}$ , Verify that:  $x \times (y \times z) = (x \times y) \times z$ .
5. Simplify and write in exponential form:  $[2^{-1} + 3^0 + 5^1 + 7^2 + 9^3] \div (\frac{2}{3})^{-1}$

6. The highest score in a cricket test match in an innings was  $\frac{3}{11}$  of the total and the next highest was  $\frac{3}{10}$  of the remaining. If the difference between two scores was 24runs, what was the total score?
7. By what number should  $\left[\left(\frac{-5}{3}\right)^3\right]^{-3}$  be multiplied to get  $\left[\left(\frac{-2}{5}\right)^5\right]$ ?
8. In a stack, there are 6 books each of thickness 30mm and 6 paper sheets each of thickness 0.025 mm. What is the total thickness of the stack?
9. Simplify:  $\frac{(3^{-2})^2 \times (5^2)^{-3} \times (t^{-3})^2}{(3^{-2})^5 \times (5^3)^{-2} \times (t^{-4})^3}$
10. Rahul can do  $\frac{2}{7}$  of a certain work in 6 days, while Suresh can do  $\frac{3}{5}$  of the same work in 9 days. They started working together but after 7 days Rahul left the work. Find in how many days Suresh can complete the remaining work?
11. Evaluate:  $\left(\frac{x^p}{x^q}\right)^{p+q} \times \left(\frac{x^q}{x^r}\right)^{q+r} \times \left(\frac{x^r}{x^p}\right)^{r+p}$
12. A ladder 10 m long rests against a vertical wall. If the foot of the ladder is 6 m away from the wall and the ladder just reaches the top of the wall, how high is the wall?
13. The cube of a number is 13824. Find the number using prime factorization. How do you verify if a number is a perfect cube using its prime factors?
14. A perfect square number has four digits, none of which is zero. The digits from left to right have values that are: even, even, odd, even. Find the number.
15. 13 and 31 is a strange pair of numbers such that their squares 169 and 961 are also mirror images of each other. Can you find two other such pairs?
16. Find the value of x if:  $\sqrt{1369} + \sqrt{0.0615} + x = \sqrt{37.25}$
17. Let O, P and Z represent the numbers 0, 3 and -5 respectively on the number line. Points Q, R and S are between O and P such that OQ = QR = RS = SP.  
What are the rational numbers represented by the points Q, R and S. Next choose a point T between Z and 0 so that ZT = TO. Which rational number does T represent?
18. In a class science teacher gave some information to all students about Solar system in following manner.  
Distance of Earth from Sun = 149600000 km  
Mass of Earth = 5970000000000000000000000 kg  
Mass of Mars = 64200000000000000000000000 kg  
Mass of Sun = 1990000000000000000000000000 kg  
Mass of Moon = 7350000000000000000000000 kg  
Now answer the following questions.  
(a) Write the distance of Earth from Sun in standard form?  
(b) Write the mass of Sun in standard form.  
(c) Write the mass of Earth in standard form.  
(d) Calculate the total mass of Earth and Moon.  
(e) Calculate the difference of mass of Mars from mass of Sun?



19. Make a project to define the types of Rational Numbers. Visit the following link to get the overview of the project.

<https://youtu.be/g4f0UhPWQjc?si=IRYA51l3JrrvsC7D>

## SCIENCE

1. Prepare a working model on Drip irrigation/ Dhekli method of irrigation.
2. Answer the following questions:
  - (a) State whether the following statements are True or False. Correct the false statements.
  - (b) Using good quality seed is the only criterion to get a high yield.
  - (c) Growing different crops in different seasons in the same field will deplete the soil of nutrients.
  - (d) All crop plants are sown as seeds in the field.
  - (e) Cells of root nodules of leguminous plants fix nitrogen.
  - (f) Freshly harvested grains must be dried before storing.
3. Beera wants to practice crop rotation in his field. Suggest a Rabi crop and a Kharif crop which will replenish his field with nitrogen. Which crop replenishes nitrogen and why?
4. "How can microorganisms, which are too small to see with the naked eye, have such a big impact on our lives, both positively and negatively?"
5. What are preservatives? List any five preservatives and their role in food preservation.

## SOCIAL SCIENCE

1. Create a comparison chart showing how Mysore, the Marathas, Punjab, and Awadh responded to British advances. Include key events, leaders, methods of resistance or cooperation, and outcomes.
2. Create a labeled poster of a Soil Profile, including the following layers:
  - O Horizon (Organic Layer)
  - A-Horizon (Topsoil)
  - B -Horizon (Subsoil)
  - C -Horizon (Parent Material)
  - D -BedrockAlso, include a brief description of each layer, covering aspects like color, texture, and its role in plant growth.
3. Option A: Observe and describe one real-life situation around you where a Fundamental Right was protected or violated. Use a specific example from your school, home, community, or news. Clearly explain the right involved and what happened.

OR

Option B: Design a poster encouraging people to follow any one Fundamental Duty.

(For example: respecting the Constitution, preserving the environment, or promoting harmony.)

## INFORMATION AND COMMUNICATIONS TECHNOLOGY

(Topics: Networking | Emerging Trends | Links in HTML)

### Instructions:

- Write all questions and answers neatly in your notebook.
- Make sure your answers are written following the proper sequence.

### Section A

1. Which device connects computers in a network?  
(a) Printer (b) Hub  
(c) Monitor (d) Keyboard
2. What does a modem do in a network?  
(a) Stores files (b) Converts signals for internet access  
(c) Plays music (d) Controls the keyboard
3. Which of the following is a benefit of networking?  
(a) Slower speed (b) Data loss  
(c) File sharing (d) Virus attack
4. What is the correct attribute to link to another webpage?  
(a) link (b) src  
(c) href (d) ref
5. What tag is used to apply CSS styles in HTML?  
(a) <style> (b) <css>  
(c) <script> (d) <design>
6. If you want a link to turn red when the mouse is on it, which CSS rule is correct?  
(a) a:onhover {color: red;} (b) a:hover {color: red;}  
(c) a:mouse {color: red;} (d) a:visited {color: red;}

### Fill in the blanks:

7. \_\_\_\_\_ Reality adds digital images, or objects to the real world using devices like smartphones or special glasses.
8. \_\_\_\_\_ Reality creates a fully immersive digital environment that replaces the real world.
9. \_\_\_\_\_ Reality combines both AR and VR elements to allow real and virtual objects to interact.
10. \_\_\_\_\_ is a technology that keeps data safe in blocks so it cannot be changed easily.

### Section B

11. What is the function of a router?
12. What is the major advantage of mesh topology?
13. Write down the differences between a star topology and ring topology

### Section C

14. Ankush wants to make a personal webpage. He wrote the code below. Find the mistake and correct it.  
<a href=<https://myblog.com>> Click here to visit my blog </a>
15. Nina wants her webpage links to appear green when the user has already clicked them. She wrote this CSS:  
a:hover {color: green}  
Identify the problem with the above code and provide the correct CSS to change the color of links after they are visited.
16. XYZ School is setting up a new computer lab. They want to connect all computers and allow students to use the internet.  
Answer the following questions:  
(i) What type of network is best for connecting computers in a single lab?  
(ii) What is one benefit of using a network in a school lab?

### Section D

17. Write an HTML code to create a link to "<https://www.learnmore.com>" with the following features:
- Text: "Visit Learn More"
  - Changes color when hovered
18. Imagine your classroom is equipped with Augmented Reality (AR) or Virtual Reality (VR) headsets. Write a few lines to describe how these technologies can make learning subjects like Science, History, or Geography more fun, exciting, and easier to understand.

### GERMAN

**Task 1: Create a poster on one of the following topics:**

- (a) Meine Hobbys
- (b) Meine Lieblingsstadt in Deutschland

**Task 2: Mein Tagesablauf (My Daily Routine)**

Make a daily schedule and describe your routine in German.

**Task 3: Rollenspiel (Role Play)**

Thema: Im Restaurant

Create a short dialogue (5-6 lines) between a customer and a waiter/shopkeeper.

## ART & CRAFT

As part of the Summer Vacation Homework, each student is required to prepare:

- 2 Paintings
- 1 Craft Item

These items will be showcased during the Art Exhibition 2025.

### Guidelines:

#### Paintings:

- Must be done on A3 or A4 size sheets only.
- Medium: Any colour medium is allowed (e.g., watercolours, poster colours, oil pastels, pencil shading, etc.).

#### Craft Item:

- Can be of any size.
- Must be strictly art-related (e.g., Paper Mache, Clay Modelling, Best out of Waste, etc.).

**Note: Models or projects prepared for other academic subjects will not be accepted.**

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