



# DELHI PUBLIC SCHOOL VISAKHAPATNAM ASSIGNMENT

April – May 2025-26

Class: IX

Date of Submission: on or before 13.6.2025



## Subject: ENGLISH

1. Fill in the blanks with the correct form of the verb.
  - I. The team \_\_\_\_\_ (win) surely in the upcoming match . (Simple Future)
  - II. She usually \_\_\_\_\_ (go) for a walk in the evening.(Simple Present)
  - III. I \_\_\_\_\_ (not see) him for a week.( Present Perfect)
  - IV. The children \_\_\_\_\_ (play) when it started to rain.(Past Continuous)
  - V. If he \_\_\_\_\_ (study) harder, he would have passed the exam.(Past Perfect)
  - VI. By the time we arrived, the guests \_\_\_\_\_ (leave).(Past Perfect)
  - VII. She usually \_\_\_\_\_ (read) before going to bed, but today she is too tired.(Simple Present)
  - VIII. I wish I \_\_\_\_\_ (know) the answer to that question.(Simple Past)
2. Fill in the blanks with suitable articles or determiners.
  - I. He is \_\_\_\_\_ honest man.
  - II. Do you have \_\_\_\_\_ information about the meeting?
  - III. I bought \_\_\_\_\_ few apples from the market.
  - IV. There is \_\_\_\_\_ university in this city.
  - V. There is \_\_\_\_\_ little hope of his recovery.
  - VI. She has \_\_\_\_\_ few friends in the city she just moved to.
  - VII. \_\_\_\_\_ more effort, and you'll achieve success.
  - VIII. He made \_\_\_\_\_ honest attempt to solve the issue.
3. identify the tense of the sentences given below and change each of them into reported speech.
  - I. He said, "I will call you tomorrow."
  - II. She said to me, "Do you like ice cream?"
  - III. Ravi asked, "Where do you live?"
  - IV. The teacher said, "Be quiet and listen carefully."
  - V. Mother said, "I am preparing dinner now."
  - VI. She said, "Had I known, I would have helped you."
  - VII. He said to me, "Why didn't you submit the report on time?"
  - VIII. The teacher asked, "Who can explain this concept clearly?"
  - IX. Ravi said, "I may go to Delhi next month."
  - X. The doctor said, "Take the medicine twice a day."
4. Identify the tense of the following sentences and change them into passive voice.
  - I. They were watching a movie.
  - II. She has made a beautiful rangoli.
  - III. We will organise a function next week.
  - IV. The chef cooked a delicious meal.
  - V. They are repairing the road near our house.
  - VI. Someone had stolen her purse in the market.
  - VII. You must complete the assignment before Friday.
  - VIII. They should have informed us about the delay.
  - IX. People speak English all over the world.
  - X. He paints the wall.
5. Project Work Instructions:

Choose any one topic from the project suggestions at the end of any unit in Words & Expressions – 1.  
Use 4 A4 size sheets and attach them inside your textbook.  
Make sure your project includes:

  - A proper write-up based on the topic
  - Pictorial depictions (drawings, pictures, or related images)
  - Follow all the specific instructions given in the textbook

## 6.Descriptive Paragraph Writing (80–100 words)

Instructions: Write a descriptive paragraph on any one of the following topics: a place or a thing. Your paragraph should be well-structured and engaging. Use the format and writing elements given below to organize and enrich your response:

Format:

- I. Title: Give your paragraph an appropriate and creative title.
- II. Relevant Quotation or Anecdote: Begin with a short quote or a brief personal story related to the topic.
- III. Introduction (20–30 words): Briefly introduce the topic.
- IV. Details (30–40 words): Describe the important features, qualities, or aspects.
- V. Personal Feelings (25–30 words): Share what you feel or think about the topic and why it is special to you.
- VI. Conclusion (10–20 words): End with a final thought or impression.
- VII. Proverbs or Idioms (optional but appreciated): Use them wherever suitable to add value and depth to your writing.

TOPICS :

PLACE – My School Campus OR A Visit to a Historical Monument (e.g., Red Fort, Qutub Minar)

THINGS – A Book That Changed My Thinking OR A Souvenir from a Trip

7. Parts of Speech-Write the definition and give two examples for each of the following:

1. Noun
2. Pronoun
3. Verb
4. Adjective
5. Preposition

## Subject: MATHEMATICS

1-Rationalise:  $\frac{1}{7+5\sqrt{2}}$ .

2-Find the value of x:  $\left(\frac{3}{4}\right)^3 \left(\frac{4}{3}\right)^{-7} = \left(\frac{3}{4}\right)^{2x}$ .

3-Simplify:  $\left\{ \left[ 625^{\frac{-1}{2}} \right]^{\frac{-1}{4}} \right\}^2$

4-Represent  $\sqrt{9.3}$  on the number line.

5-Find the value of a for which  $(x - 4)$  is a factor of  $(2x^3 - 3x^2 - 18x + a)$ .

6-Factorise:  $x^2 + 9x + 18$ .

7-If  $x + \frac{1}{x} = 3$ , find the value of  $x^4 + \frac{1}{x^4}$ .

8-The volume of a cuboid is given by the algebraic expression  $ky^2 - 6ky + 8k$ .

Find the possible expressions for the dimensions of the cuboid.-

## Subject: PHYSICS

1. Distinguish between rest and motion.
2. A man walking on a road is said to be in the state of motion. Give reasons.
3. What is the displacement of the earth when it completes one revolution around the sun?
4. An athlete completes two rounds of circular track and returns to the starting point. What is the distance covered by the athlete and his displacement?
5. On a 100 m straight track, an athlete completes the race from the starting line to the finishing line in a particular time. Calculate (a) distance travelled and (b) magnitude of displacement.
6. A rectangular track is 40 m long and 30 m broad. A man starts walking from one corner of the track and reaches the opposite corner. Find the distance travelled and the magnitude of displacement.

## Subject: CHEMISTRY

1. Give reason for the following:
  - a. A sponge , though a solid, can be compressed.

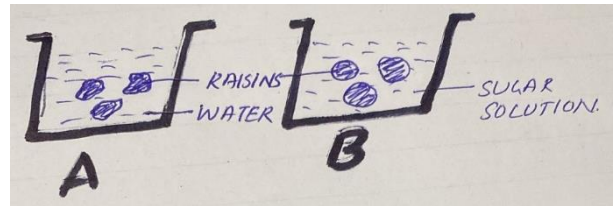
- b. Sugar takes the shape of the container though it is a solid.
- c. CNG can be filled in a small cylinder.
- d. Density of solids is mostly higher than that of liquids.
2. Diffusion of gases in water is essential. Explain the term diffusion and give reason.
3. State which property of gas is used in supplying oxygen cylinders to hospitals.
4. A substance melts at  $5^{\circ}\text{C}$  and boils at  $150^{\circ}\text{C}$ . What is its physical state at room temperature?
5. The melting point of three solids X,Y,Z are 298K,314K and 398K respectively. Arrange them in increasing order of interparticle force of attraction.
6. Define sublimation. Draw a labelled diagram to show sublimation. Mention some examples of sublimating solids.
7. Convert the following: a.  $150^{\circ}\text{C}$  to K      b.  $25^{\circ}\text{C}$  to K      c. 25K to  $^{\circ}\text{C}$       d. 415K to  $^{\circ}\text{C}$

#### Holiday HW

1. State 4 differences and 2 similarities between evaporation and boiling.
2. Why do doctors pour ether before performing a simple procedure on our body?
3. What is dry ice? Why is it so named? What is its use?
4. List the factors that affect rate of evaporation. Explain each with an example.

#### **Subject: BIOLOGY**

1. What is the fundamental unit of life? Who discovered it and how can they be observed?
2. Define the following terms:
  - i. Endocytosis    ii. Phagocytosis    iii. Exocytosis    iv. Plasmolysis
3. How is a bacterial cell different from an onion peel cell?
4. What is the role of proteins and lipids in plasma membrane?
5. Why is plasma membrane called selectively permeable?
  - i. When dried raisins are placed in beaker A they swell, why does this happen?
  - ii. When swollen raisins are placed in beaker B then they shrink, why does this happen?
  - iii. Identify the type of medium in beakers A and B.
  - iv. In which of these beakers endosmosis happen?



#### **Subject: SOCIAL SCIENCE**

1. What is the Standard Time Meridian?
2. Why is  $82\frac{1}{2}^{\circ}$  East selected as the Indian Standard Time Meridian?
3. What are the ideas that spread to other parts of the world from India in ancient times?
4. Name the two countries with which India shares its north-western borders.
5. What is the latitudinal extent of India?
6. Write about the demerits of democracy.
7. Give four features of democracy as a form of government.
8. Can Fiji be called a democracy? If not, why?
9. Give a description of the village Palampur.
10. Why do farm labourers in Palampur get low wages? Give reasons.
11. What is multiple cropping?
12. What is the Green Revolution? What are the demerits of the Green Revolution?
13. Draw a scenery of a village.

#### **Subject: हिंदी (द्वितीय भाषा)**

- (१) यदि आपने भगवाना की माँ जैसी किसी दुखिया को देखा है तो उसकी कहानी लिखिए।
- (२) पता कीजिए कि कौन- कौन से साँप विषैले होते हैं ? उनके चित्र एकत्र कीजिए और उनकी जानकारी सहित कॉपी में लिखिए।
- (३) असम के लोकगीत एवं लोक नृत्य की जानकारी प्राप्त कर चित्र सहित 100 से 150 शब्दों में परियोजना तैयार करें।
- (४) दुख का अधिकार पाठ के लेखक यशपाल जी की अन्य कृतियों की सूची तैयार कर कॉपी में लिखें।
- (५) शब्द और पद में अंतर स्पष्ट कीजिए।

**Subject: తెలుగు ( ద్వితీయ భాష )**

I. కింది పద్యమునకు ప్రతిపదార్థములు రాయండి.

1. విమల యశోనిధి! పురుష వృత్త....

2. నుతజల పూరితంబులగు నూతులు....

II. క్రింది వానికి అర్థ సందర్భంలో రాయండి.

1. విపరీత ప్రతి భాష లేమిటికి నిర్వీనాథ!

2. ఒరే పిల్లలు నా పేరు మీకు తెలుసా? అని అడిగింది.

III. కింది ప్రశ్న జవాబు రాయండి.

1. కథలో ఇల్లాలు తన పేరు తన పేరు మర్చిపోవటాన్ని మీరు సమర్థిస్తారా? ఎందువల్ల?

IV. క్రింది వానికి వ్యాసం రాయండి.

1. నిరుద్యోగ సమస్య

**Subject: संस्कृतम् (द्वितीय भाषा)**

1. पञ्च - पञ्च प्रश्ननिर्माण वाक्यानि लिखत | (भारती वसन्त गीति:- स्वर्णकाकः)

2. अनुवादयत-

i. मेरा पिताजी कार्यालय को गया | My father went to office.

ii. राहुल चोर से डरता है | Rahul will get fear from thief.

iii. अध्यापक छात्र पर विश्वास करते हैं | Teacher believes in student.

iv. हम दोनों ने वहाँ एक शेर को देखा | We both saw a lion there.

v. नरेन्द्र माता के साथ विदेश गया | Chanakya went to abroad along with his mother.

3. एकं चित्रं दृष्ट्वा संस्कृते पञ्च वाक्यानि लिखत |

4. एकं घटनाक्रमम् लिखत | (स्वर्णकाकः)

5. क. कृ - अस् धातुः पञ्च लकरान् लिखत |

ख. किम् (पुं - स्त्री -नपुंसक), अस्मद्, युष्मद् शब्दान् लिखत |