



# DELHI PUBLIC SCHOOL VISAKHAPATNAM ASSIGNMENT

April - May 2024

Class: VII



## Subject: ENGLISH

Read the passage titled as “Sophia- The First Robot Citizen” given on the page no. 154 of your grammar book ‘Grammar and More’ and the following questions:

- i) What is artificial intelligence?
  - ii) What do you think makes Sophia different from other social humanoid robots?
  - iii) How does Sophia describe herself?
  - iv) When did Sophia come to India?
  - v) What do you mean by ‘portmanteau word’? Give examples from the passage.
1. Imagine that you found an ancient treasure buried in your school playground. Express your feelings in the form of diary entry in about 150 words.
  2. Do as directed.
    - i) She likes playing cricket. (Rewrite the sentence with the correct question tag)
    - ii) You aren’t afraid of snakes. (Rewrite the sentence with the correct question tag)
    - iii) Such a lovely day (Punctuate and write the type of the sentence)
    - iv) \_\_\_\_\_ You did a really great job with that piece of paper. (Rewrite the sentence using correct interjection- Alas! /Wow!)
    - v) \_\_\_\_\_ do you know in this class? (Who/Whom- Fill in the blank)
  3. Fill in the blanks with correct ‘auxiliary verb’.
    - i) Riya and her brothers \_\_\_\_\_ at school. (is/are)
    - ii) One of my sisters \_\_\_\_\_ going on a trip to Assam. (is/are)
    - iii) Either answer \_\_\_\_\_ acceptable. (is/are)
    - iv) Fast food, like burgers and street food, \_\_\_\_\_ harmful for our health. (is/are)
    - v) Neither John nor Harry \_\_\_\_\_ gone to work. (has/have)
  4. Replace the words underlined with suitable nouns and rewrite the sentence.
    - i) The forest was alive with a gathering of animals roaming through the trees.
    - ii) The station was bustling with a gathering of people waiting for their trains.
    - iii) The garden was teeming with a gathering of insects buzzing around the flowers.
    - iv) The zoo was packed with a group of people observing the animals.
    - v) The classroom was filled with a gathering of persons listening to the lecture.

## Subject: MATHEMATICS

1. Write a negative integer and a positive integer whose sum is -53.
2. Find the product:
  - a)  $(-12) \times (-13) \times (-5)$
  - b)  $3 \times (-8) \times (16)$
3. Verify  $a \div (b + c) \neq (a \div b) + (a \div c)$  for  $a = -10, b = 5, c = 5$ .
4. Verify:  $19 \times \{7 + (-3)\} = (19 \times 7) + (19 \times (-3))$
5. Find the value of
  - a)  $[36 \div (-9)] \div [(-24) \div 6]$
  - b)  $[(-40) \times (-1)] + [(-28) \div 7]$
6. At a shopping mall, the air conditioners are set so that it reduced temperature at the rate of  $3^{\circ}C$  every hour. If at 10:00 AM the temperature inside the mall was  $35^{\circ}C$ , what will be the temperature inside the mall at 5 PM ?
7. An elevator descends into a mine shaft at the rate of 5m/min. If the descent starts from 10m above the ground level, how long will it take to reach -340m.
8. Find the product:
  - a)  $\frac{4}{7} \times \frac{21}{16}$
  - b)  $7 \times 2\frac{4}{15}$
9. If milk is available at Rs.  $17\frac{3}{4}$  per litre, find the cost of Rs.  $7\frac{2}{5}$  litres of milk ?
10. Find the value of: a)  $\frac{3}{20}$  of a kg      b)  $\frac{3}{4}$  of 128

11.  $\frac{4}{5}$  of 5kg apples were used on Monday. The next day  $\frac{1}{3}$  of the remaining apples was used. Find the weight of the apples left now ?
12. Find the sum:  $18+0.562+23.67$
13. Raina travels 23km 20m everyday. Out of this, she travels 15km 100m by bus and the rest by auto. How much distance does she travels by auto?
14. Aditi bought vegetables weighing 20kg. Out of this, 6kg 200g is onions, 4kg is tomatoes and the rest is potatoes. What is the weight of the potatoes?

**Subject: SCIENCE**

1. What are the functions of guard cells?
2. Potato and ginger are both underground parts that store food. Where is the food prepared in these plants?
3. A leguminous plant can restore the soils concentration of mineral nutrients. Give some examples of such plants.
4. Why is dodder plant categorized as a parasite?
5. Mosquitoes, leeches, bed bugs and lice suck our blood. Can they be called parasites?
6. A goat eats away all the leaves of a small plant. However, in a few days new leaves can be seen sprouting on the plant again. How did the plant survive without leaves?
7. Why is it not necessary for plants to have a digestive system?
8. How will the absence of animals on Earth affect the amount of oxygen and carbon dioxide in the air?
9. Write about the various associated glands of digestive system of human beings and their role in digestion.
10. Sita got her gall bladder removed surgically as she was diagnosed with stones in her gall bladder. After surgery, she faced some problems in digestion of certain food items when consumed in bulk. Can you tell which kind of food they would be and why?
11. What will happen to the stomach if we do not eat a meal?
12. Rahul was eating his food hurriedly so that he could go out and play. Suddenly he started coughing violently. Why?

**Subject: SOCIAL SCIENCE**

1. What do you mean by the natural environment? How does man modify his environment?
2. Which are the major components of the environment?
3. What is the biosphere?
4. What is the lithosphere?
5. Who was considered a 'foreigner' in the past?
6. In what ways has the meaning of the term 'Hindustan' changed over the centuries?
7. What does the term pan-regional empire mean?
8. In a democracy why is Universal Adult Franchise important?
9. Re-read the box on Article 15 and state two ways in which this Article addresses inequality.

Note -

Project on Historical Monuments in Visakhapatnam:

- Statue of Queen Victoria, St. Mary's School, King George Hospital, Collector's Office, AVN College.  
(Write Five lines and Draw the picture any these of historical Monuments)

**Subject: हिंदी (द्वितीय भाषा)**

- 1-पक्षियों को मनुष्य का कौन-सा क्रियाकलाप पसंद नहीं है? (हम पंछी उन्मुक्त गगन के पाठ के आधार पर लिखिए।)
- 2-हम पंछी उन्मुक्त गगन के कविता में पक्षियों का खान-पान क्या है?
- 3-पक्षी मनुष्य को उसके किस कार्य में बाधा उत्पन्न न करने के लिए कह रहा है? (हम पंछी उन्मुक्त गगन के पाठ के आधार पर लिखिए।)
- 4-पिंजरे में पक्षियों को क्या-क्या कष्ट हैं? (हम पंछी उन्मुक्त गगन के पाठ के आधार पर लिखिए।)
- 5-निम्नलिखित काव्यांश को ध्यानपूर्वक पढ़े और दिए गए प्रश्नों के उत्तर दें-

हम पंछी उन्मुक्त गगन के

पिंजरबद्ध न गा पाएँगे,

कनक-तीलियों से टकरा कर

पुलकित पंख टूट जाएँगे।

1. इस कविता का नाम तथा कवि का नाम लिखो।
2. इस काव्यांश में पक्षी अपनी क्या इच्छा प्रकट करते हैं?
3. पक्षी कहाँ रहकर गा नहीं पाएँगे?
4. कौन-सा शब्द 'गगन' का पर्यायवाची नहीं है-  
(क) आसमान (ख) नभ (ग) रवि (घ) व्योम
5. पक्षी किस रूप में रहना चाहते हैं?  
(क) उन्मुक्त (ख) पिंजरबद्ध (ग) व्याकुल (घ) पुलकित
6. कनक शब्द का अर्थ है-  
(क) सोना (ख) चाँदी (ग) मिट्टी (घ) ताँबा
- 6-हिमालय के जंगलों में मुख्यतया कौन-कौन से वृक्ष पाए जाते हैं?
- 7- हिमालय पर चढ़कर लेखक ने नदियों का क्या रूप देखा?
- 8-हमारा राष्ट्रीय पक्षी मोर विषय पर 100 से 120 शब्दों में एक अनुच्छेद लिखिए।

### Subject: తెలుగు ( ద్వితీయ భాష )

క్రింది పదములకు అర్థములు రాయండి.

1. గవాక్షం = 2. తావు = 3. ఇల = 4. గుండె = 5. చౌక = 6. గొంగళి =

II. పర్యాయపదములు రాయండి.

1. కాయం = 2. తల్లి = 3. అక్షరము = 4. రాత్రి = 5. ఆనందం = 6. రాజు =  
7. తరచుగా = 8. శిల = 9. మహిమ = 10. మాయ =

III. ప్రకృతి వికృతులు రాయండి.

1. భంగము - 2. నిద్ర - 3. అంబ - 4. అక్షరము - 5. ముద్ర - 6. రాత్రి - 7. యోగి - 8. ప్రాణము -

IV. వ్యతిరేక పదాలు రాయండి.

1. పూర్వం x 2. సుఖం x 3. పాపం x 4. భయం x 5. ఆనందం x

V. క్రింది ప్రశ్నలకు జవాబులు రాయండి.

1. అక్షరాలు ఎక్కడ కవాతు చేస్తాయని కవి అన్నాడు?
2. అన్నప్రాసన నాడు జరిగిన సంఘటన గురించి రాయండి.
3. ఆత్మానందుడు రాజుకు రక్షాబంధం ఎందుకు కట్టాడు?
4. అమ్మ ప్రేమ గురించి మీ మాటల్లో రాయండి.
5. మాయాకంబళిని రాజు మొదట ఎందుకు కావాలనుకున్నాడు? తరువాత ఎందుకు తిరిగి ఇచ్చేసాడు?

### Subject: संस्कृतम् (द्वितीय भाषा)

1. एकम् अपठित गद्यांशं लिखत | (शारदा -2 pg -93) |
2. एकं चित्रं दृष्ट्वा संस्कृते पञ्च वाक्यानि लिखत |(शारदा -2 pg -94 picture -3)
3. शब्दाः - तद् शब्दः (पुं - स्त्री - नपुसंक) लिखत | (शारदा -2 pg -96, 97)
4. धातुः - चल् (लट् - लृट् - लङ् - लोट् - विधिलिङ्) शारदा -2 pg : 98, 99 लिखत |
5. संस्कृत भाषायाम् अनुवादं कुरुत-  
i. उसने गीत गाया |  
ii. पिता पुत्र का पालन करता है |  
iii. वे सब फल खाएँगे |  
iv. भक्त ईश्वर को नमस्कार करेंगे |  
v. तुम दोनों पुस्तकें पढ़ोगे |

**Subject: हिंदी (तृतीय भाषा)**

1. शब्दों में मात्रा लगाकर सही शब्द लिखिए।

i. मरगा,      ii. सरज      iii. अपमन      iv. पड़      v. हवा

2. खाली स्थान भरिए।

i. मोर हमारा \_\_\_ पक्षी है।

ii. मोर के सिर पर \_\_\_ है।

iii. मोर के पंख \_\_\_ होते हैं।

3. समानार्थी शब्द लिखिए -

i. फूल      ii. शीश      iii. दूध      iv. हवा

**Subject: తెలుగు ( తృతీయ భాష )**

1. అ నుంచి అ వరకు అక్షరములను వ్రాయుము

2. గుణింతపు గుర్తులను వ్రాయుము

3. క నుంచి అ వరకు ఒత్తులను వ్రాయుము

4. ఒత్తులు ఎన్ని రకాలు? వాటిని వివరించండి?

5. క్రింది అక్షరములకు గుణింతపు గుర్తులను ఉపయోగించి గుణింతములను వ్రాయుము:

క, గ, చ, జ, ట, డ, త, థ, న, ద, ప, ఫ, బ, భ, మ, య, ర, ల, వ, శ, స, ష, హ, ళ, క్ష, అ.

6. క్రింది (అ నుంచి అం) గుణింతపు గుర్తులతో వచ్చే పదములను వ్రాయుము :

7. క నుంచి అ వరకు గల అక్షరములకు ఒత్తులతో గుణింతములను వ్రాయుము: