



# DELHI PUBLIC SCHOOL VISAKHAPATNAM ASSIGNMENT



## Half Yearly Examination Revision 2025-26

**Class: VIII**

**Date of Submission: on or before 06.09.2025**

### **Subject: ENGLISH**

Read the passage given below:

1. Increasing traffic congestion every year is causing increasing air pollution, wasting time and productivity and diverse respiratory diseases. Moreover, the cost of solving or reducing traffic congestion is enormous. However, neglecting the traffic jam problem would increase the social problems among citizens.
2. The number of vehicles has increased considerably in the city in the past five years. Due to this increase, the city roads witness frequent traffic congestions, but above all, the vehicles emitting pollutants are affecting the environment adversely.
3. The Capital's vehicular population saw an addition of more than five lakh vehicles last year, registering an increase of over 4%, according to the Delhi Economic Survey 2020-21.
4. In spite of the largest road network, through metro and bus services in major cities the transport system is not being able to keep pace with the growing demand. Consequently, more and more people use their private vehicles, leading to increased congestion on the roads. In spite of these challenges people in India prefer road travel over air and other means of travel. Citizens of Delhi/NCR have, time and again, pondered over the possibilities of how to reduce the traffic congestion in the city, especially during the peak hours. People should use public transport, the government must increase the facilities of public transport, people should avoid the unnecessary collection of vehicles and should use carpool and vehicle sharing.
5. What is required is proper implementation of corrective measures by citizens to get an organized traffic management system.

Based on your understanding of the passage, answer the questions given below:

- i. Infer one reason for the following, based on information in paragraph 1. Reducing traffic congestion is not easy.
- ii. Select the appropriate option to complete the following sentence. The reasons for increased traffic congestion are \_\_\_\_\_.
  1. use of private vehicles
  2. increase in demand for cars
  3. inability to keep pace with population control
  4. travelling by public transport
  5. emission of pollutants

a. 4, 5      b. 1, 5      c. 1, 2      d. 2, 3
- iii. Analyze the status of traffic between the years 2019-2022.
- iv. Give the reasons for increase in vehicular congestion.
- v. Complete the following analogy correctly with a word / phrase from the paragraph 5. organized : chaotic :: lowest : \_\_\_\_\_.

Clue : Just as organized is an antonym of chaotic, lowest is an antonym of \_\_\_\_\_.
- vi. The vehicles emit pollutants which affect \_\_\_\_\_ badly
- vii. Complete the following sentence. Use of public transport will reduce \_\_\_\_\_.
- viii. Select the appropriate option to complete the following sentence. The reasons for increased traffic congestion are \_\_\_\_\_.
  1. start car pooling
  2. add electric buses
  3. increase in public modes of transport
  4. increase car collection points
  5. increase taxation

a. 1, 4, 5      b. 3, 5      c. 2, 3, 4      d. 1, 3

### **Section B Grammar 3.**

Complete the following tasks, as directed

- i. Fill in the blank by using the correct form of the word in the bracket, for the given portion of a letter:

I have just \_\_\_\_\_ (appear) for my senior secondary board examination and am interested in pursuing a course in Visual Communication.

ii. Identify the errors and supply the correction, for the following: {Hint: There are two errors}

Delhi Government COVID-19 FAMILY FINANCIAL ASSISTANCE SCHEME

An assistance of ₹50,000/- will be given to all family living in Delhi on each death of any family member due to COVID-19, whether or not they were earning members.

iii. Raman shared some information with Seema. Report Seema's question.

Can you solve the sum?

iv. Elvis went to a shop to mend his watch. The watchmaker asked a few questions related to the watch.

Report his question.

Did you buy this Swiss watch at my place?

v. The report concludes sadly that \_\_\_\_\_ students have \_\_\_\_\_ knowledge of nuclear physics.

a) Very few/some

b) every/no

c) none/any

d) Both/whole

vi. Select the option that identifies the error and supplies the correction for the following line, from the headline of a news report:

TWO CHILD DIE AFTER MASSIVE FIRE BREAKS OUT IN TIRUPATI

Option no.	Error	Correction
A	Child	Children
B	die	dies
C	Break	Break
D	In	At

vii. Are we \_\_\_\_\_ to feed the animals in this zoo?

a) can

b) might

c) allowed

d) may

viii. She \_\_\_\_\_ me at the meetings only on Sundays when I was a child.

a) saw

b) had seen

c) was seeing

d) is seeing

ix. Fill in the blank by choosing the correct option, to complete a line from an article on depression.

No one \_\_\_\_\_ make you feel inferior without your consent.

a) could

b) can

c) will

d) may

x. Complete the line from a self-awareness song, by filling the blank with the correct option. An angel writing in a book of gold:

Exceeding peace \_\_\_\_\_ Ben Adhem bold,

And to the presence in the room he said,

"What writest thou" - The vision \_\_\_\_\_ is head,

a. makes, raises

b. had made, raised

c. had made, raise

d. makes, raised

xi. Complete the given narrative by filling in the blank with the correct option.

Summer is an ideal time to take a hike, especially if you \_\_\_\_\_ the opportunity to explore one of our country's many state and national parks.

a) are having

b) has

c) have

d) will have

xii. Neither the shoes nor the bag \_\_\_\_\_ the dress.

a) match

b) matches

c) matched

d) matching

### Subject: MATHEMATICS

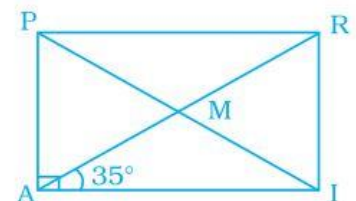
1.a) Simplify :  $\left(\frac{3}{7} \div \frac{6}{49}\right) + \left(-\frac{15}{14} \times \frac{7}{30}\right)$

b) Find  $\frac{1}{2} - \frac{1}{3} - \frac{1}{4} + \frac{5}{6}$

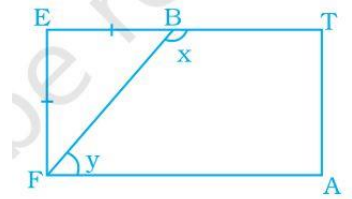
2. a) If  $5\frac{5}{6} - 3\frac{8}{9} - x = 1$  find  $x$

3. If  $\frac{3z-1}{4} - \frac{2z-10}{3} = z + 1$  then find  $z$

4. In rectangle PAIR, find  $\angle ARI$ ,  $\angle RMI$  and  $\angle PMA$ .



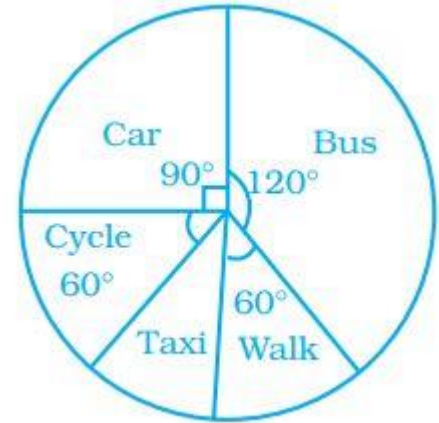
5. A playground is in the form of a rectangle  $ATEF$ . Two players are standing at the points  $F$  and  $B$  where  $EF = EB$ . Find the values of  $x$  and  $y$ .



6. The four angles of a quadrilateral are in the ratio 3 : 4 : 5 : 6. Find the angles.

7. Each interior angle of a polygon is  $108^\circ$ . Find the number of sides of the polygon.

8. The pie chart on the right shows the result of a survey carried out to find the modes of travel used by the children to go to school. Study the pie chart and answer the questions that follow.



- What is the most common mode of transport?
- What fraction of children travel by car?
- If 18 children travel by car, how many children took part in the survey?
- How many children use taxi to travel to school?
- By which two modes of transport are equal number of children travelling?

9. Draw a pie chart for the given data.

Favourite food	Number of people
North Indian	30
South Indian	40
Chinese	25
Others	25
Total	120

10. Evaluate the square root of 22.09 by long division method.

11. A ladder 10m long rests against a vertical wall. If the foot of the ladder is 6m away from the wall and the ladder just reaches the top of the wall, how high is the wall?

12. Using prime factorisation, find the cube root of 5832.

13. Simplify  $(a - b)(a^2 + b^2 + ab) - (a + b)(a^2 + b^2 - ab)$

14. Factorise the following, (i)  $x^2 + 6x + 9$  (ii)  $x^2 + 12x + 36$

### Subject: SCIENCE

- Differentiate between renewable and nonrenewable resources with examples.
- How is destructive distillation of coal carried out? What are the main products obtained?
- Why should we conserve fossil fuels?
- How is petroleum formed and how is it extracted?
- What is petroleum refining? Draw a labeled diagram of the fractionating column.
- Why do coal miners use battery powdered lamps rather than candles?
- Write the chemical equation when natural gas is burnt?
- Define rapid combustion, spontaneous combustion and explosion.
- How can fire be extinguished? Explain.
- Draw a labeled diagram of soda acid fire extinguisher and explain how it works.
- Draw a labeled diagram of a candle flame and explain what happens in each zone.
- What are the characteristics of a good fuel? Which fuel comes closest to an ideal fuel?
- Why is hydrogen not used as a domestic fuel though it has highest calorific fuel?
- What is biodiversity and how is it threatened?
- Define forest management? How can you prevent the forest depletion?

### Subject: SOCIAL SCIENCE

1. What is farman? Who granted farman to East India Company to trade duty free in Bengal?
2. What were the areas of conflicts between Tipu Sultan and the East India Company?
3. How was the Mahalwari system different from the Permanent Settlement?
4. What was the political aim of Birsa movement?
5. Discuss the impact of forest laws on tribal population in India.
6. What are human resources? How are they developed?
7. Explain any five methods of soil conservation.
8. What is landslide? Describe the mitigation mechanism of landslides?
9. What do you mean by subsistence farming? What are the main characteristics of intensive subsistence farming?
10. Mention the geographical conditions required for the cultivation of the following crops.  
i. Cotton ii. Jute
11. Describe the following fundamental rights.  
i. Right to Equality ii. Right to Freedom
12. What is an opposition party? What is its role in a democracy?
13. Mention any five differences between the Lok Sabha and Rajya Sabha.
14. The different levels of courts connected to each other. Justify the statement.

### Subject: हिंदी (द्वितीय भाषा)

भाग – A : वसंत (अंश आधारित एवं लघु उत्तरीय प्रश्न)

- (1) लाख की चूड़ियाँ
1. चूड़ी बनाने वाला पात्र क्या प्रतीक है?
2. इस कहानी से हमें कौन-सा सामाजिक संदेश मिलता है?
- (2) बस की यात्रा
3. बस यात्रा के दौरान लेखक ने क्या हास्यपूर्ण दृश्य देखे?
4. शीर्षक की सार्थकता स्पष्ट कीजिए।
- (3) दिवानों की हस्ती
5. कवि ने अपने मित्र के गुणों का वर्णन किस प्रकार किया है?
6. कविता में प्रयुक्त दो अलंकार पहचानिए।
- (4) भगवान के डाकिए
7. 'भगवान के डाकिए' से कवि का तात्पर्य किससे है?
8. पक्षियों को डाकिया कहने का कारण स्पष्ट कीजिए।
- (5) क्या निराश हुआ जाए
9. लेखक ने निराश न होने की क्या वजह बताई है?
10. लेख से कोई दो प्रेरक पंक्तियाँ लिखिए।
- (6) यह सबसे कठिन समय नहीं
11. लेखक किन कारणों से इसे सबसे कठिन समय नहीं मानते?
12. इस पाठ से हमें क्या शिक्षा मिलती है?

भाग – B : बुद्धचरित

- (1) आरंभिक जीवन
13. सिद्धार्थ के बाल्यकाल का वर्णन कीजिए।
14. राजकुमार के जीवन में सुख-सुविधाओं का क्या प्रभाव पड़ा?
- (2) अभिनिष्क्रमण
15. अभिनिष्क्रमण का क्या अर्थ है?
16. गृहत्याग के पीछे सिद्धार्थ का मुख्य कारण क्या था?

भाग – C : व्याकरण

17. भाषा और बोली में अंतर स्पष्ट कीजिए।
18. निम्नलिखित संधियों का प्रकार बताइए –  
(क) महात्मा + आनंद → महात्मानंद (ख) सुर + इन्द्र → सुरेन्द्र
19. नीचे दिए शब्दों के पर्यायवाची लिखिए –  
(क) चंद्रमा (ख) मित्र
- (ख) जल (ख) बालकपन
21. नीचे दिए अनेकार्थक शब्दों के दो-दो अर्थ लिखिए –  
(क) कमल (ख) जो कभी वृद्ध न हो
- (ख) अग्नि (ख) जो सब जगह विद्यमान हो
23. समश्रुति भिन्नार्थक शब्दों के जोड़े लिखिए –  
(क) सार – .....  
(ख) सार्थ – .....
20. निम्नलिखित के विलोम लिखिए –  
(क) आशा  
(ख) मित्र
22. निम्नलिखित शब्दों से उपसर्ग-प्रत्यय अलग कीजिए –  
(क) उपकार  
(ख) बालकपन
24. निम्नलिखित वाक्यांशों के लिए एक शब्द लिखिए –  
(क) जो कभी वृद्ध न हो  
(ख) जो सब जगह विद्यमान हो

25. निम्न संज्ञाओं का भेद लिखिए –

(क) गंगा

(ख) पुस्तक

भाग – D : लेखन कार्य

(1) पत्र लेखन (अनौपचारिक)

विषय – अपने मित्र को जन्मदिन की शुभकामनाएँ देते हुए पत्र लिखिए।

26. नीचे दिए शब्दों में कौन-सा समास है?

(क) राजपथ

(ख) रत्नाकर

(2) अनुच्छेद लेखन (किसी एक विषय पर लगभग 80 शब्द)

1) मेरा प्रिय त्योहार (2) स्वच्छ भारत अभियान (3) पुस्तक का महत्व

**Subject: తెలుగు ( ద్వితీయ భాష )**

1. ఈ కింది పద్యాలకు ప్రతిపదార్థం వ్రాయండి.

అ) కనక విశాల చేల! భవకానన .....

ఆ) చిక్కిన కాసుచే దనివి జెందు.....

ఇ) ముప్పు ఘటించి వీని కులమున్ .....

2. వ్యాసాలు: అ) గ్రంథాలయం ఆ) వార్తాపత్రికలు ఇ) క్రీడలు – లాభాలు

3. మీ పాఠశాలలో జరిగిన మాతృభాషా దినోత్సవం గురించి వివరిస్తూ మీ మిత్రునికి లేఖ రాయండి.

4. ఈ క్రింది వ్యాస రూప ప్రశ్నలకు జవాబులు రాయండి.

అ) పయనం కథను మీ సొంతమాటలో రాయండి.

ఆ) సంఘసంస్కర్త వీరబ్రహ్మం గారి గురించి రాయండి.

ఇ) మన రాష్ట్ర అభివృద్ధికి కృషి చేసిన మహనీయులను ప్రశంశిస్తూ రాయండి?

**Subject: संस्कृतम् (द्वितीय भाषा)**

1. प्रबोध:-3 कारक प्रकरणात् पञ्च प्रश्नान् लिखत |

2. शारदा-3 (pg – 84-86) एकं संपूर्णम् पत्रं लिखत |

3. प्रबोध:-3 पञ्च कारक – उपपद विभक्ति वाक्यानि लिखत |

4. शारदा-3 ( Le- 3,4,5) पाठानां प्रश्ननिर्माणं प्रश्नान् लिखत |

5. प्रबोध:-3 (pg 103 दीर्घ-गुण-वृद्धि-यण्-अयादि) पञ्चसन्धि पदानि लिखत |

**Subject: हिंदी (तृतीय भाषा)**

1. 'राष्ट्रीय पुष्प कमल' के बारे में दस वाक्य लिखिए।

2. 55 से 60 तक की गिनती शब्दों में लिखिए।

3. दस रंगों के नाम लिखिए।

4. दस शरीर के अंगों के नाम लिखिए।

5. दस फलों के नाम लिखिए।

6. निम्नलिखित शब्दों से वाक्य बनाइए –

राष्ट्रीय, कीचड़, स्वादिष्ट, परिश्रम, फ़सल

7. पांच फूलों के नाम लिखें।

8. अर्धवार्षिक परीक्षा के पाठ्यक्रम को याद करें।

**Subject: తెలుగు ( తృతీయ భాష )**

1. ఈ కింది పద్యాలను చదివి రాయండి.

అ) వృద్ధ జన..... కుమారా! ఆ) ఏరకుమీ..... సుమతీ!

2. సంయుక్త, ద్వితీయ క్షర అంటే ఏమిటి? ఉదాహరణలను రాయండి?

3. ముసలి చిలుక పడిపోగానే వర్తకుడు ఏమనుకున్నాడు?

4. మీకు నచ్చిన ఒక పండుగను ఎలా జరుపుకుంటారో రాయండి?

5. ఎవరి పిల్లలని బావ, బావమరిది అంటారు?

6. అ) ఊహలు ఆ) స్వేచ్ఛ ఇ) బంధుత్వాలు ఈ) సరదా..... ఈ పదాలకు సొంత వాక్యాలు రాయండి?