



DELHI PUBLIC SCHOOL VISAKHAPATNAM

Revision Assignment 2022-23

Class: IX



Subject: ENGLISH

1. Rearrange the following words or phrases to make meaningful sentences.

- (a) to / her / all / friends / birthday / next week / party / she is inviting
- (b) architecture / I would / like to / books / on / look at / Indian / the
- (c) the / had / crying / been / child / the / hours / two / last / for
- (d) fly / to escape / the south / and starvation / to / chill / birds

2. Fill in the blanks with the correct form of the verbs given in brackets.

- 1. It (rain) since morning.
- 2. They (not arrive) yet.
- 3. His parents (visit) him today evening.
- 4. My friend (visit) his grandmother every day.
- 5. He (play) guitar for almost five hours when his tutor came.
- 6. My mother (finish) her chores before everybody woke up.

3. Change the following into reported speech-

- 1. I said to Meera, "When are your parents coming?"
- 2. Ramesh said to me, "Are you reading this book?"
- 3. He said, "Will you come with me?"
- 4. My friend said, "Have you ever been to London?"
- 5. My mother said to the stranger, "What is the purpose of your coming?"

4. Fill up with suitable prepositions-

- 1. Regular exercise is beneficial ----- health.
- 2. He is a hypocrite. Beware ----- him.
- 3. She boasts ----- her achievements.
- 4. He was born ----- poor parents.
- 5. The robbers broke ----- the shop at midnight and looted it.
- 6. They brought ----- the child tenderly.

5. Reference to context-

A. "No motion has she now, no force
She neither hears nor sees,
Rolled round in earth's diurnal course
With rocks and stones and trees."

- (a) The poet accepts that she is
- (b) She is now buried under the
- (c) She will assimilate into the earth and is rotating along the earth. (True / False)
- (d) is the word in the stanza which means 'daily'.

B. After school, we went home and told our respective parents about the incident. Lakshmana Sastry summoned the teacher, and in our presence, told the teacher that he should not spread the poison of social inequality and communal intolerance in the minds of innocent children. He bluntly asked the teacher to either apologise or quit the school and the island.

- (a) 'We' in the above lines has been used for _____
- b) After facing social inequality at school, both the children informed about the school incident.
- (c) The parents ordered the teacher to either apologize or quit the school. (True/False)
- d) Why did Lakshmana Sastry summon the teacher?
- e) What was the effect of this incident on the teacher?
- f) The word that means the same as 'not being able to bear' in the passage is.....

6. Answer the following in 30-40 words-

- a) What is Gerrard's profession? How do you know it?
- b) 'Our hells of fire and dust outrage the innocence of air' Explain. (No Men are foreign)
- c) What are the two important stages for killing a tree?

- d) 'This was not the kind of attention I was looking for.' What did the author not want and what kind of attention did he get in his new school? (House is not a Home)
- e) What picture of the Baudhnath stupa does the author portray?
- f) Why did Grandfather get annoyed at the Saharanpur station?
7. Answer the following in 100-120 words-
- i) Determination and correct choice of path always lead to success. Elaborate with reference to the success stories of Santosh Yadav & Maria Sharapova.
- ii) To reform a person, it is important to use both strictness and love. Discuss with reference to the lesson 'The Beggar.'

Subject: MATHEMATICS

1. Find four rational numbers between $\frac{3}{5}$ and $\frac{4}{5}$
2. Express the following in the form of $\frac{p}{q}$.
(i). $1.\overline{32}$ (ii). $0.4\overline{7}$ (iii). $23.\overline{43}$
3. Find a, b if $\frac{5+2\sqrt{3}}{7+4\sqrt{3}} = a + b\sqrt{3}$.
4. Find $\frac{1}{2+\sqrt{3}} + \frac{2}{\sqrt{5}-\sqrt{3}} + \frac{1}{2-\sqrt{5}}$
5. If $x = 4 - \sqrt{15}$, then find $\left(x + \frac{1}{x}\right)^2 - \left(x - \frac{1}{x}\right)^2$.
6. Simplify $13\sqrt[5]{32} - 7\sqrt[4]{625} + \sqrt[3]{729}$.
7. If (p, -4) lies on $2x + y = 8$ then find the value of p.
8. If $x = 2k - 2$ and $y = k + 1$ is a solution of $2x - y = 4$ then find the value of k.
9. Find any four solutions of the equation $2x - y = 4$.
10. If $(3x - 15)^\circ$, and $(x + 5)^\circ$ are complementary angles, find the angles.
11. Find the value of k in $x + k$ is a factor of $x^3 + kx^2 - 2x + k + 5$.
12. Expand (i). $(2a - 3b)^3$ (ii). $\left(\frac{3}{2}x + 1\right)^3$
13. If $2x + 3y = 12$ and $xy = 6$, find the value of $8x^3 + 27y^3$.
14. If $x^2 - 1$ is a factor of $px^4 + qx^3 + rx^2 + sx + u$, show that $p + r + u = q + s = 0$.
15. The surface area of a sphere is $784\pi \text{ cm}^2$. Find its radius.
16. The volume of cone of height 9 cm, is $48\pi \text{ cm}^3$, find the diameter of its base.
17. Find the area of equilateral triangle whose side is $2\sqrt{3} \text{ cm}$.
18. Two sides of a triangle are 13 cm and 14 cm and its semi perimeter is 18cm. Find the area of triangle.
19. Prove that the quadrilateral formed by joining the midpoints of sides of rectangle is a Rhombus.
20. Prove that of two equal chords makes equal angles at the center of the circle.

Subject: SCIENCE

1. How can grain losses in storage happen?
2. (a) Smoke and fog both are aerosols in what way are they different.
(b) How would you know if a colorless liquid you were given was pure water.
3. Give reasons for?
(a) We get a crunchy and granular feeling when we chew pear fruit.
(b) Branches of a tree move and bend freely in high wind velocity.
(c) Intercellular spaces are absent in sclerenchymatous tissues.
4. Give one example of each inertia of rest inertia of motion and inertia of directions.
5. The volume of 40g of a substance is 20cm³ if the density of water is 1g cm³ will the substance float or sink.
6. What is the difference between a bacterial cell and an onion peel cell.
7. Why are cells called structural and basic unit of life.
8. (a) In chemistry class asked Nina that the electronic configuration of fluoride ion neon in the same then what is the difference between them.
(b) Why do inert gases have zero valencies.
(c) Name three isotopes of Hydrogen.
9. Represent graphically by two separate diagram in each cases.
(a) Two sound waves having the same amplitude but different frequencies.
(b) Two sound waves having the same frequency but the different amplitudes.
(c) Two sound waves having different amplitudes and also different wave lengths.

- 10.(a)What are the two ways in which the physical states of matter can be changed
 (b)Draw the states of matter triangle to show the interconversion of states of matter.
 (c)How can the evaporation of a liquid be made faster.
11. Identify the cell organless from these common names also state the reason why are they called?
 (a) Transporting channel of the cell
 (b) Control room of the cell
- 12.(a)Why do some elements lose or gain electrons?
 (b)Write the electronic configuration of phosphorus.
- 13.(a)Which parameter is needed for the identification of any element
 (b)In response to a question a student stated that in an atom, the number of protons is greater than the number of neutrons which in turn is greater than the number of electrons. Do you agree with the statement justify your answer.
- 14.(a)The sound of thunder is preceded by a flash of lightning justify.
 (b)What are the applications of ultrasonic waves in medicine
15. Suppose gravity of earth suddenly becomes zero then in which direction will the moon begin to move if no other celestial body affects it.
16. Identically packets are dropped from two aeroplanes one above the equator and one above the north pole both at same height assuming all conditions are identical with those packets take the same time to reach the surface of earth. Justify your answer?
17. The sea water can be classified as a homogeneous as well as a heterogeneous mixture comment.
- 18.(a)Density of a wood is 800kg/m^3 will it float or sink when dipped in a bucket of water?(Density of water = 1000kg/m^3
 (b)Give the experience for the inverse square law of gravitation why is it called the universal law of gravitation.
- 19.(a)Hydrogen and oxygen combine in the ratio of 1:8 by mass to form water what mass of oxygen gas would be required to react completely with 3g of Hydrogen gas.
 (b)How many atoms are present in a
 (i) H_2S molecule (ii) PO_4^{3-}
20. Give reasons
 (a) Mitochondria is called as power house of the cell
 (b) Vacuoles act as storage sacs inside a cell
 (c) Why lysosomes are called suicide bags of the cell.
21. Describe the microscopic structure of the cell.
22. State Three points of difference between evaporation and boiling
23. Differentiate between solution and suspension
- 24.(a) It is difficult to pull out the husk of a coconut tree. Give reason.
 (b) Blood is the river of life. Justify the statement.
- 25.(a)What is an ion? What are cations and anions.
 (b)State the law of conservation of mass.
 (c)You are provided with a fine white color powder which is either sugar or salt. How would you identify without tasting.
- 26.(a)A train starting from rest attains a velocity of 72km/h in 5 minutes assuming the acceleration is uniform find the acceleration.
 (b)The distance travelled by train for attaining this velocity.

Subject: SOCIAL SCIENCE

1. Who were liberals? What are their political and social views?
2. What were the social and political conditions of Russia when the revolution occurred?
3. What was triangular slave trade? How did it abolish in France?
4. What was Nazi cult of Motherhood? What were Nazi's world views?
5. How did Hitler rise to Power? How he destroyed democracy after coming to the power?
6. How is Lok Sabha is more powerful than Rajya Sabha?
7. What are the differences between the political executive and permanent executive?
8. Why do we need elections? What are the challenges to the free and fair elections?
9. What makes elections in India democratic? Discuss.
10. Explain the major features of democratic government.
11. Differentiate Western Ghats and Eastern Ghats.
12. Explain any three causes for poverty in India.

13. Quite a few species of plants and animals are endangered in India. Why?

14. Study the given climatic data of station X and Y and answer the following questions.

Station	Latitude	Altitude		Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct.	Nov	Dec
X	13.4° N	7 m.	Temp. (°C)	24.5	25.7	27.7	30.4	33.0	31.2	30.2	29.5	29.8	28.0	25.9	24.7
			Rainfall (cm.)	4.6	1.3	1.3	1.8	3.8	4.5	8.7	11.3	11.9	30.6	35.0	13.5
Y	24.14° N	1461m	Temp. (°C)	9.8	11.3	15.9	18.5	19.2	20.5	21.1	20.9	20.0	17.2	13.3	10.4
			Rainfall (cm.)	1.4	2.9	5.6	14.6	29.5	47.6	35.9	34.3	30.2	18.8	3.8	0.6

i. Name the winds that bring most of the rainfall to station Y.

ii. What is the annual rainfall for station X?

iii. Find out the annual range of temperature for station X.

iv. Which of the two stations is cooler? Give two reasons for your choice.

15. Why are forests very important to human beings and environment? Explain.

16. What are the non-farm activities of the village Palampur?

17. Differentiate between seasonal hunger and chronic hunger.

18. Give any five measures taken by government to improve literacy condition in India.

19. What are the problems of the functioning of ration shop?

20. Explain the following terms:

i. Human capital

ii. Multiple cropping

iii. Minimum support price

iv. Issue price

v. Seasonal unemployment

vi. Disguised unemployment

Subject: हिंदी (द्वितीय भाषा)

1. किसी प्रसिद्ध कहानी के अपने प्रिय पात्र को एक पत्र लिखकर उसके संबंध में अपना राय दीजिए।

2. उनाकोटी के नामकरण को ध्यान में रखते हुए अपने शहर के नामकरण का रहस्य पता कीजिए।

3. अग्निपथ कविता का भावार्थ लगभग 50 शब्दों में लिखिए।

4. अपने निजी पुस्तकालय में आप किन 10 हिंदी पुस्तकों को रखना चाहेंगे? बताइए।

5. पत्र पेट्टी (लेटर बॉक्स) और इनरनेट के बीच संवाद को 100 शब्दों में लिखिए।

6. इक और इन प्रत्यय वाले 5-5 शब्द लिखिए।

7. स्वर संधि के पांचों प्रकारों के लिए 2-2 उदाहरण लिखिए।

8. अनुस्वार तथा अनुनासिक वाले 5-5 शब्द लिखिए।

9. कवि रहीम ने संगीत के संबंध में क्या कहा है? दोहा सहित बताइए।

10. देवदास किसकी रचना है? इस संबंध में लेखक धर्मवीर भारती का क्या संस्मरण है? स्पष्ट करें।

Subject: తెలుగు (ద్వితీయ భాష)

I). ఈ కింది పద్యాలకు ప్రతి పదార్థము రాసి భావమును రాయండి.

1. మనుజసమాజ ----- లోకహితార్థ కాంక్షులై.
2. ఫలము లైక్కిడివారు ----- గన్నెత్తియుం జూతురే.
3. మునుమును బుట్టె ----- ముల్లసిల్లగన్.
4. ఇట్టి మహానుభావులకు ----- పోవుచున్నవే.
5. ఆదుర్యోధనుడు ----- శ్రీనొందినన్!

II) పద్యభాగ ప్రశ్న జవాబులు:

1. ధర్మరాజు శాంతి వచనాలను సొంతమాటల్లో రాయండి?
2. శివుడు నర్తించిన విధానంలో ప్రత్యేకతలు ఏమున్నాయి?
3. కర్ణకుని గొప్పతనం గురించి కవి ఏమని చెప్పాడు?

III) గద్యభాగ మరియు ఉపవాచకం ప్రశ్న జవాబులు:

1. నరేంద్రుని బాల్యం విద్యాభ్యాసం గురించి రాయండి?
2. కలాం తన ఆశయ సాధనలో ఎలా కృతకృత్యుడయారు? మీ సొంతమాటల్లో రాయండి?
3. జ్యోతిరావు పూలేని చంపడానికి వచ్చిన వారు పరివర్తన చెందిన సంఘటనను తెలపండి?

IV) లేఖలు:

1. నీవు చదివిన ఒక మంచి పుస్తకం గురించి ఆదిలాబాద్ జిల్లా బాసరలో ఉన్న నీ మిత్రుడు రమణకు లేక వ్రాయి.
2. కర్నూలు జిల్లాలోని ఆళ్లగడ్డ మున్సిపల్ ఉన్నత పాఠశాలలో 9వ తరగతి చదువుతున్న శ్రీ చరణ్ అనే విద్యార్థి పాఠ్య పుస్తకాల కొరత గురించి జిల్లా విద్యాశాఖ అధికారికి రాయుచున్నట్లు లేఖ రాయండి.

V) వ్యాసాలు:

1. విజ్ఞాన యాత్రలు
2. దేశాభివృద్ధి -- విద్యార్థుల పాత్ర
3. క్రీడలు -- లాభాలు

Subject: संस्कृतम्

(संकलानात्मक मूल्यांकनम् - 2)

1. श्लेषी - (सर्वेषु पाठेषु) व्यञ्जन सन्धेः लेखनाभ्यासः |
2. पञ्च अङ्गल् - हिन्दी भाषा वाक्यानां संस्कृते अनुवाद लेखनम् |
3. श्लेषी - (सर्वेषु पाठेषु) प्रत्यय पदानां लेखनाभ्यासः (क्त्वा - तुमुन् - ल्यप् - क्तवतु - शतृ - शानच्) |
4. धातुः - पञ्च धातु , वाक्यानि (केवलं परस्मैपदीनाम्) , पञ्च शब्द वाक्यानि लिखत |
5. श्लेषी - पाठ्यांशेषु घटनाक्रमस्य लेखनाभ्यासः|(स्वर्णकाकः -कल्पतरुः -भ्रान्तो बालः)