

St. Mary's School, Dwarka
Winter Holiday Homework
Class VIII

Subject: English

General Instructions:

- 1) The work should be done neatly and in a systematic way.
- 2) The given questions are to be done in the English notebook.
- 3) Write questions along with the answers.

Q1. Fill in the blank using suitable word.

(½ x4=2)

I went to lovely Christmas party (a) _____ Sunday. When I reached the place, I parked my bicycle right (b) _____ the house and rushed to ring the doorbell. My little, eccentric nephew opened the door (c) _____ his favourite toy stuffed (d) _____ his arm. He smiled broadly and said, "Hello Kaka!"

Q2. Fill in the blank using suitable word.

(½ x4=2)

Nihal Sarin is an Indian chess player (a) _____ a chess prodigy. He became the grandmaster at the age of 14 years. In 2013, Nihal won the U-10 World Blitz Championship (b) _____, a year later, he bagged the U-10 World Youth Chess Championship. (c) _____ Nihal is around 18 years old now, his performance (d) _____ childhood has been stellar.

Q3. Read the following conversation and complete the paragraph given below:

Customer – Do you have lilies?

(½ x4=2)

Florist – I do not have them today.

Customer: Can you bring lilies tomorrow?

Florist: Yes. But they must be purchased as a bouquet of 50 pieces.

The customer asked the florist (i) _____. The florist answered (ii) _____. The customer inquired (iii) _____. At this the florist replied affirmatively and explained that they (iv) _____.

Q4. Nature is volatile with all his elements- air, water, land and forests close to devastation. In the world of affordable tourist packages and staycations at offbeat places, human footprints have spread wider than ever before. Write an article in 120 words explaining the perils of tourism on nature. (5)

Q5. (a) Read the following stanza and answer the questions given below: ($\frac{1}{2} \times 4 = 2$)

As on all its sides a kitchen-match darts white
flickering tongues before it bursts into flame:
with the audience around her, quickened, hot,
her dance begins to flicker in the dark room.

- i) How is the performer's dance compared to a matchstick?
- ii) Which poetic device is used in 'flickering tongues'?
- iii) What is around the performer?
- iv) Name the poem and the poet.

Answer the following questions in about 50 words: (2x2=4)

- (b) How did Rappaccini's experiment prove to be lethal for Beatrice?
- (c) How did the automated residence burn?

Answer the following question in about 80 words: (3)

(d) *The Nightingale embodies selflessness and courage.* Explain with reference to 'The Nightingale and the Rose.'

Subject: Hindi

सामान्य निर्देशः—

- दिए गए सभी प्रश्नों के उत्तर हिंदी के उत्तर पुस्तिका में लिखिए।
- कार्य स्वच्छ शुद्ध एवं स्पष्ट लेख में कीजिए।
- यथासंभव प्रत्येक खंड के प्रश्नों के उत्तर कमश लिखिए।

खण्ड 'अ'

प्रश्न 1 निम्नलिखित बहुविकल्पीय प्रश्नों के उत्तर निर्देशानुसार दीजिए — (1×6=6)

क निम्नलिखित में से 'प्रतीक्षा' शब्द का सही वर्ण-विच्छेद क्या होगा?

- 1 प+र+अ+त्+ई+क्+प्+आ
- 2 प+अ+र+त्+इ+क्+प्+आ
- 3 प+र+अ+त्+इ+क्+प्+आ
- 4 प+र+अ+त्+ई+क्+श्+आ

ख निम्नलिखित में से कौन-सा शब्द 'सु' उपसर्ग से नहीं बना है?

- 1 सुलेख
- 2 सुयोग
- 3 सुदामा
- 4 सुपुत्र

ग मेरे घर आज कोई आया है। इनमें से कौन-सा शब्द क्रिया विशेषण है?

- 1 घर
- 2 कोई
- 3 आज
- 4 मेरे

घ मेरे घर के आगे बगीचा है ? वाक्य में प्रयुक्त 'के आगे' शब्द क्या है?

- 1 क्रिया विशेषण
- 2 संबंधबोधक
- 3 क्रिया
- 4 विशेषण

इ दो शब्दों के बीच में लगने वाले विराम चिह्न को क्या कहते हैं ?

- 1 कोष्ठक का
- 2 लाघव का
- 3 योजक का
- 4 निर्देशक का

च ' देव + ऋषि' शब्द का सही संधियुक्त शब्द कौन- सा होगा ?

- 1 देवऋषि
- 2 देवर्षि
- 3 देवार्षि
- 4 देवत्र्यर्षि

खण्ड 'ब'

निम्नलिखित प्रश्नों के उत्तर दीजिए :-

(3×3=9)

प्रश्न 2 बिलवासी जी ने रूपर्यों का प्रबंध कहाँ से और कैसे किया? अकबरी लोटा पाठ के आधार पर स्पष्ट कीजिए।

प्रश्न 3 'पानी की कहानी' नामक पाठ के आधार पर पानी के जन्म और जीवन-यात्रा का वर्णन अपने शब्दों में कीजिए।

प्रश्न 4 सम्राट अशोक को धर्मराज अशोक क्यों कहा जाता है ?

लेखन

प्रश्न 5 स्कूल पिकनिक पर जाने के विषय पर इंदु और उसकी माँ के बीच हुई बातचीत को 70 से 80 शब्दों में संवाद के रूप में लिखिए।

(5×1=5)

Subject: Sanskrit

सामान्य निर्देश -

- 1 सर्वेषाम् प्रश्नानाम् उत्तरम् संस्कृतस्य कक्षाकार्यं पुस्तिकायाम् लिखत ।
- 2 सर्वेषाम् प्रश्नानाम् उत्तरम् क्रमानुसारम् लिखत ।
- 3 कार्यम् स्वच्छम् शुद्धम् स्पष्टम् लेखे च लिखत ।

प्रश्न 1 अधोलिखितेषु बहुवैकलीय प्रश्नानाम् उत्तरं निर्देशानुसारेण लिखत - (1×6=6)

- (i) सः बालकः । रिक्त स्थाने उचित धातुरूपं किम् अस्ति?
(क) अधावत् (ख) धावसि (ग) धावन्
- (ii) सा बालिका अस्ति? रिक्त स्थाने उचित शब्दरूपं किम् अस्ति?
(क) कः (ख) का (ग) केन
- (iii) राधा अम्बया (प्रच्छ+ क्त्वा) कार्यम् करोति । रिक्त स्थाने उचित प्रत्ययम् किम् अस्ति?
(क) पृष्ट्वा (ख) पृष्ठुम् (ग) पृष्टत्वा
- (iv) मुम्बईनगरे वर्षा भवति । रिक्त स्थाने उचित अव्ययम्पदम् किम् अस्ति?
(क) प्राक् (ख) सततम् (ग) ह्यः
- (v) उद्याने ----- (41) महिलाः सन्ति । रिक्त स्थाने उचित संख्यापदम् किम् अस्ति?
(क) एकचत्वारिंशत् (ख) एकत्रिंशत् (ग) एकचतुर्दिशत्
- (vi) सा प्रातः (4: 45) उत्तिष्ठति । रिक्त स्थाने उचित समयम् किम् अस्ति?
(क) सार्धपञ्चवादनम् (ख) पञ्चवादनम् (ग) पादोनपञ्चवादनम्

प्रश्न 2 (क) रेखांकित पदम् आधृत्य प्रश्नं निर्मीयताम् -

($\frac{1}{2} \times 4 = 2$)

- (i) अयम् देवालयः दिल्लीनगरे अस्ति ।
 - (ii) वृक्षस्य कोटरे गृधः वसति स्म ।
 - (iii) लंकायाः अधिपतिः रावणः आसीत् ।
 - (iv) संस्कृतभाषा अतिप्राचीना भाषा अस्ति ।
- (ख) मञ्जूषायाः उचित पदम् चित्वा रिक्तस्थानानि पूरयत - ($\frac{1}{2} \times 4 = 2$)

मञ्जूषा - फलानि , वायुः , भिल्लबालः , पवनपुत्रः

- (i) हनुमान् अस्ति ।
- (ii) वृक्षाः यच्छन्ति ।
- (iii) एकलव्यः एकः आसीत् ।
- (iv) शीतः प्रवहति स्म ।

प्रश्न 3 (क) विशेषण विशेष्यपदानाम् परस्परं मेलनम् कुरुत -

($\frac{1}{2} \times 4 = 2$)

- (i) विश्वप्रसिद्धः जनः
- (ii) सर्वगुणसम्पन्नः श्रीरामः

(iii) विनयशीलः हिमालयः

(iv) बुद्धिमान् सुदर्शनः

(ख) अधोलिखितम् शब्दयोः अर्थम् लिखत —

($\frac{1}{2} \times 4 = 2$)

नक्षत्राणि , एकदा , शैत्यम् , छिन्दन्ति ।

प्रश्न 4 प्रदत्तं चित्रं दृष्ट्वा मञ्जूषायां प्रदत्त शब्दानाम् सहायतया त्रीणि वाक्यानि संस्कृतेन लिखत —

($1 \times 3 = 3$)

मञ्जूषा — वृक्षः , गृहम् , नौके , द्वी , शुक्रौ , नदी , दृश्यम् , मनः , हरति , प्रवहति , हरीतिमा ।



प्रश्न 5 अधोलिखिते संवादे मञ्जूषायाः उचितपदानि चित्वा रिक्तस्थानानि पूरयत ($\frac{1}{2} \times 6 = 3$)

मञ्जूषा - मित्रम्, पुत्र, कृत्वा, क्रीडाक्षेत्रम्, गृहकार्यम् , क्रिकेट-प्रतियोगिता ।

माता - [1].....! त्वम् कुत्र गच्छसि ?

पुत्रः - मातः, अहम् [2] गच्छामि ।

माता - किं तव [3]..... सम्पूर्णम् अस्ति ?

पुत्रः - यदा अहम् क्रीडाक्षेत्रात् आगमिष्यामि तदा करिष्यामि ।

माता - प्रतिदिनं तु गृहकार्यम् [4]..... खेलसि ।

पुत्रः - मातः, अद्य [5] अस्ति ।

माता - पश्य, तव [6] सुनीलः आगच्छति ।

पुत्रः - गच्छामि अहम् ।

Subject: Mathematics

General Instructions:

- 1) The work should be done neatly and in a systematic way.
- 2) The given questions are to be done in the Mathematics notebook.
- 3) Show the calculations in a rough column in front of answers.

Q1 Simplify: $\frac{25 \times 2 \times p^{-3}}{5^{-2} \times 10 \times p^{-7}}$ (2)

Q2 Add the following: $8xy + 5x - 4y$; $9xy - 3yz + 2xz$; $4xy - 2xz$; $2xz$ (2)

Q3 Solve using identity: (3)

$$m^4 - 256$$

Q4 Simplify the following: (3)

(i) $\left(\frac{3}{2}a + \frac{2}{3}b\right)^2$

(ii) 9.5×10.05

Q5 (i) A man bought a car for Rs. 4,20,000. Its value depreciated at the rate of (5)

8% per annum. Find the value of the car after one year.

(ii) Meenu bought two fans for Rs 1200 each. She sold one at a loss of 5% and the other at a profit of 10% Find the selling price of each. Also find out the total profit or loss.

Subject: Physics

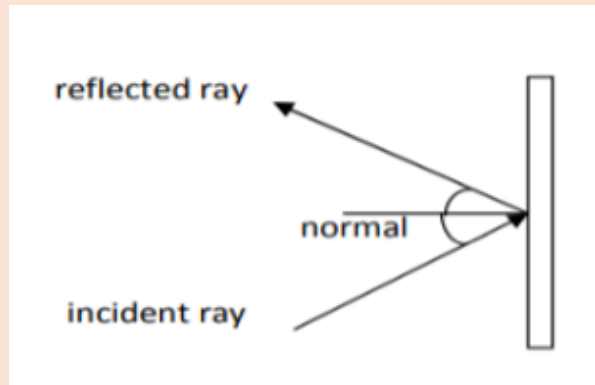
General Instructions:

- 1) The work should be done neatly and in a systematic way.
- 2) The given questions are to be done in the Physics notebook.
- 3) Write questions along with the answers.
- 4) All questions need to be answered in 30 to 40 words.

Q1. Observe the figure given below and answer the following questions: (2)

a) If the angle of incidence is 35° . Find the angle of reflection.

b) If the angle between the surface of mirror and reflected ray is 45° . Find the angle of incidence.



Q2. Explain the phenomenon shown in the figure given below.

(2)



Q3. What happens when sunlight falls on drops of water suspended in the air? Explain with the help of a diagram.

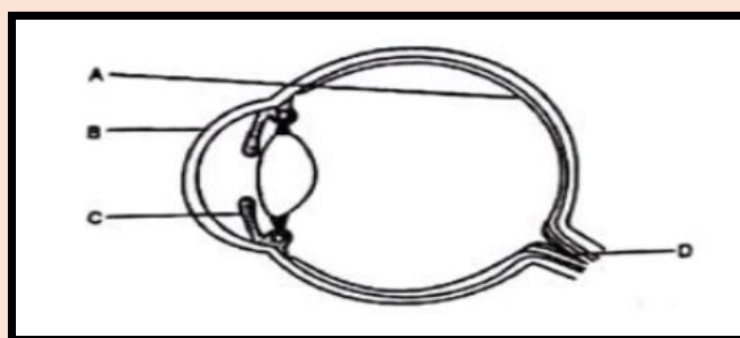
(2)

Q4. How many images of an object will be formed when two plane mirrors are set at an angle of 120° ?

(2)

Q5. The diagram given below shows the structure of the eye. Label the parts A , B , C and D.

(2)



Subject: Chemistry

General Instructions:

- 1) The work should be done neatly and in a systematic way.
- 2) The given questions are to be done in the Chemistry notebook.
- 3) Write questions along with the answers.
- 4) All questions are to be answered in 30 to 40 words.

Q1 Define the following: (2)

- (a) Combustion
- (b) Earthing

Q2 Give reasons for the following: (2)

- (a) A charged balloon is repelled by another charged balloon whereas an uncharged balloon is attracted by another charged balloon.
- (b) LPG is a better domestic fuel than wood.

Q3 Enlist the conditions necessary for combustion to take place. (2)

Q4 Write the difference between: (2)

- (a) Rapid combustion and Spontaneous combustion
- (b) Lightning and earthquake

Q5 Draw and explain the function of lightning conductor. (2)

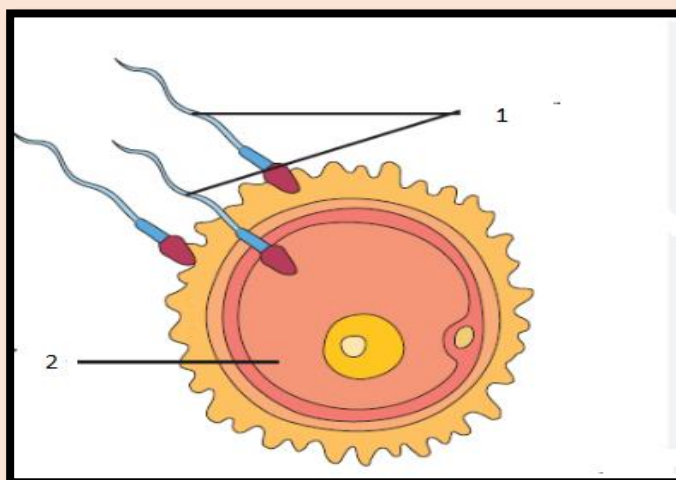
Subject: Biology

General Instructions:

- 1) The work should be done neatly and in a systematic way.
- 2) The given questions are to be done in the Biology notebook.
- 3) Write questions along with the answers.
- 4) All questions are to be answered in 30 to 40 words.

Q1. Why is cell wall present in plant cell and not in animal cell? (2)

Q2. Observe the given figure and answer the following questions. (2)



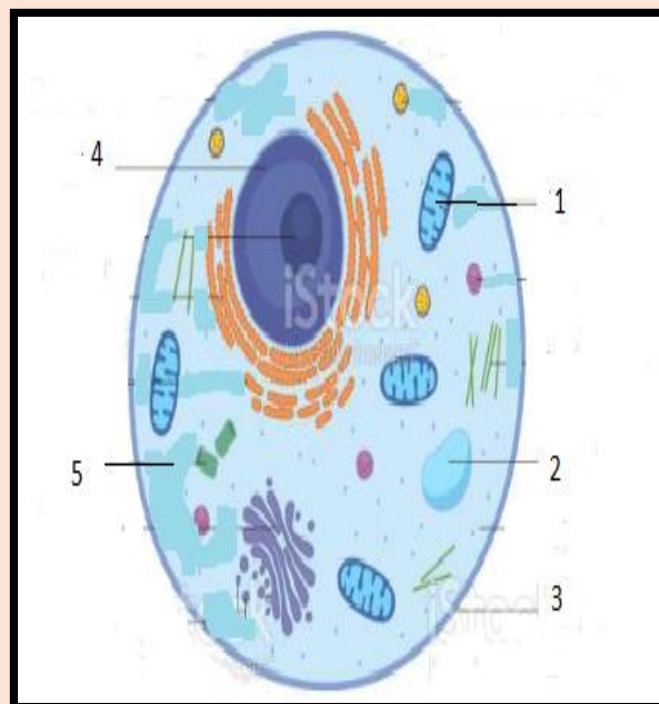
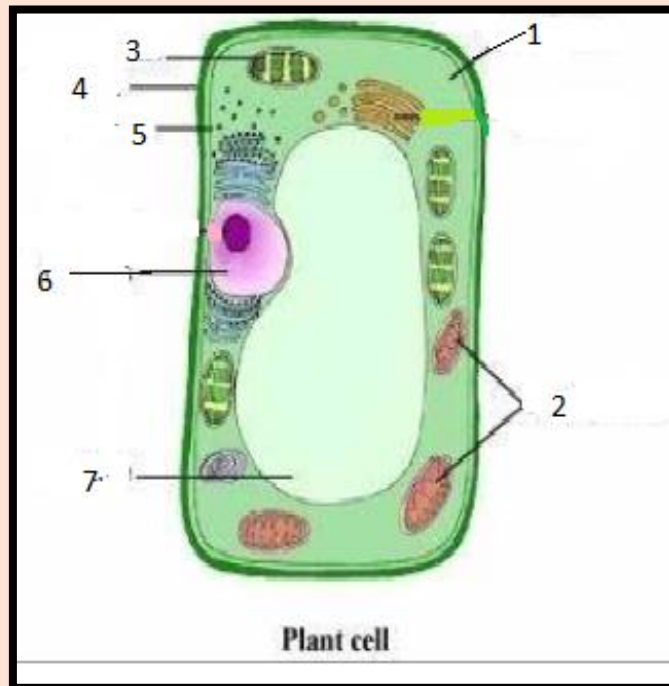
(a) Label 1 and 2

(b) Explain the given process and what is formed.

Q3. Why do fish and frogs lay eggs in hundreds? (2)

Q4. Mothers give birth to a baby, but the baby has characteristics of both the parents. How is this possible? (2)

Q5. Label the given diagram in plant cell and animal cell. (2)



Subject:History

General Instructions:

- The work should be done neatly and in a systematic way.
- The given questions are to be done in the History notebook.
- Write questions along with the answers.
- Question No.1 is to be answered in 30 to 40 words.
- Question No.2 & 3 are to be answered in 40 to 60 words.
- Question No.4 is to be answered in 60-80 words.
- Question No.5 is to be located & marked on a map and then pasted in the notebook.

Q1. Explain in detail any two new styles and techniques of painting brought by the British.

(2)

Q2. Write in brief about the following:

($\frac{1}{2} \times 2 = 3$)

(i) Mahatma Gandhi's role in removing untouchability.

(ii) Manual Scavengers and their fate in India.

Q3. Write short notes on the followings:

($\frac{1}{2} \times 2 = 3$)

(i) the development of Kalighat paintings

(ii) the Swadeshi and Boycott Movement

Q4 Make a G.O. of the factors that led to the rise of Nationalism? Explain any three in detail.

(5)

Q5. On the Political map of India locate and label the answers to the given clues. (1x2=2)

(i) The Congress Session of 1905 was held here: _____.

(ii) The Quit India Resolution adopted in 1942 at the Congress session was held at this place:_____.

Subject: Geography

General Instructions:

- The work should be done neatly and in a systematic way.
- The given questions are to be done in the Geography notebook.
- Write questions along with the answers.
- Question No.1 is to be answered in 30 to 40 words.
- Questions No.2&3 are to be answered in 40 to 60 words.
- Question No.4 is to be answered in 60-80 words.
- Question No.5 is to be located & marked on a map and then pasted in the notebook.

Q1. Why is iron and steel industry known as the backbone of modern economy? List any two locational advantages enjoyed by the steel plant at Jamshedpur. (2)

Q2. Discuss any three factors responsible for the growth of iron and steel industry in Pittsburgh. (3)

Q3. Answer the following questions in brief- (½ x2=3)

- i) “The cotton mills of Ahmedabad have still an edge over Mumbai cotton mills”. Give any three reasons to support the given statement.
- ii) Give three reasons for the development of Information Technology Industry in Karnataka.

Q4. Answer the following in brief: (1+2+2=5)

- (i) What is an industry?
- (ii) Mention the factors that determine the location, development, and growth of manufacturing industries?
- (iii) Enumerate the difference between Private Sector Industries and Public Sector Industries.

Q5. On the political map of India, locate and label the new centres of Software Technology Park developed in Rajasthan, Andhra Pradesh, Punjab and Odisha. (½x4=2)

Subject:Computer Science

Q1. Click on the link given below to answer the multiple choice questions: - (10)

<https://forms.gle/xUTvTbzhDAZUsdE96>

Q2. General instructions for Lab Activity: - (5)

- Perform the following practical using the MySQL Client Line Prompt.
- Take the screenshots question wise for all the practicals mentioned below and paste in a word document.
- Share the pdf of the practical on the Assignment tab of MS-Teams.

- a. Create a database named ‘School’.
- b. Activate the database ‘School’.
- c. Create a table named Sinfo with the following fields.
 - i. Sid integer
 - ii. Sname char(35)
 - iii. Saddress char(45)
 - iv. Sclass integer
 - v. Ssec char(1)
- d. Add the field Sbloodgr char(2) to the table Sinfo.

- e. Insert five records for the fields created under the table Sinfo as shown below.

Sid	Sname	Saddress	Sclass	Ssec	Sbloodgr
101	Anamika Singh	Sunrise Apartment, Dwarka	7	A	A-
102	Anvesha Gupta	Park View Apartment, Rohini	8	A	O-
103	Ranjita Jha	Vasundhara Apartment, Janapuri	9	B	O+
104	Rakesh Kapur	Ganpati Apartment, Dwarka	5	D	B-
105	Sarmistha Gupta	Sunshine Apartment, Janakpuri	10	C	A+

- f. To display all the records of the table 'Sinfo' whose student id is in the range of 103 to 105.
- g. To display all the unique records of the blood group from Sinfo table.
- h. To display the records of those students whose name starts with the letter 'R'.
- i. Delete the record whose student id is 103.
- j. To change the blood group from O- to O+ for the student whose address is Park View Apartment, Rohini.