



RAO BALRAM PUBLIC SCHOOL

(RECOGNIZED & AFF CBSE) Gopal Nagar, Najafgarh, New Delhi-43

WINTER BREAK HOLIDAYS HOME WORK

Dear Parents,

We hope that children enjoyed their first spell in school as much as we enjoyed getting to know them. winter vacations are just round the corner, we would like our children to have a nice time and remain constructively busy. Teachers have made worksheets which are attractively designed to stimulate further interest in learning.



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 blanks with the appropriate words.

($\frac{1}{2}$ x 8=4)

Once upon a time, in a quaint village, there (i) _____ a young girl named Jenny. She (ii) _____ with her grandmother in a cosy cottage (iii) _____ the edge of the forest. Every morning, Jenny (iv) _____ the sunrise and (v) _____ to the market to buy fresh vegetables. One day, as she (vi) _____ through the woods, she (vii) _____ a mysterious old man who gave her a riddle. Upon handing her the riddle, the old man winked, sparking her curiosity about the puzzling message. Neither Jenny nor her grandmother (viii) _____ able to solve it.

- | | | | | |
|-------|-----------|-----------|-------------|-------------|
| i. | a) was | b) were | c) is | d) has been |
| ii. | a) lives | b) live | c) living | d) lived |
| iii. | a) on | b) at | c) by | d) in |
| iv. | a) enjoys | b) enjoy | c) enjoying | d) enjoyed |
| v. | a) walks | b) walked | c) walking | d) walk |
| vi. | a) walks | b) walked | c) walking | d) walk |
| vii. | a) meets | b) met | c) meeting | d) meets |
| viii. | a) were | b) is | c) are | d) was |

Q2. You are Aman/Avani, the Sports Secretary of Good Shepherd Convent School, Dwarka. Your school is hosting a Regional Level Volleyball Tournament for classes VIII-XII. Draft a notice informing the students about the same. Include the necessary details and put the notice in a box. The notice should not exceed more than 50 words. (1x3=3)

Q3. Write a story in about 100-120 words using the given beginning. (1x5=5)

Amidst the tall trees of Whispering Woods, a mysterious key appeared on Emily's doorstep. Little did she realise that turning it would unlock a magical journey that awaited just beyond her front door...

Q4. Answer the following questions in 20-40 words:

(2x2=4)

- i. How does the poet use the metaphor of rattlesnakes to describe the dancer's arms?
- ii. How does Dr. Rappaccini's obsession with science impact his relationship with his daughter?

Q5. Answer the following question in 40-60 words:

(4x1=4)

What is Bassanio's motivation for seeking a loan from Antonio? What terms does Shylock propose for the loan, and what unusual condition does he include?

Subject: Hindi

खंड 'क' व्याकरण

निम्नलिखित प्रश्नों के उत्तर उचित विकल्प चुनकर दीजिए—(1×2=2)

प्रश्न 1 “कुछ लोगों को दूसरों की.....अच्छा लगता है।” रिक्त स्थान की पूर्ति उचित मुहावरे द्वारा कीजिए।

- (क) जान पर खेलना (ख) टोपी उछालना
(ग) डींगें हॉकना (घ) चिकना घड़ा होना

प्रश्न 2 मेरे घर के नीचे एक आदमी खड़ा है। रेखांकित शब्द क्या है?

- (क) विस्मयादिबोधक (ख) क्रिया-विशेषण
(ग) संबंधबोधक (घ) समुच्चयबोधक

खंड 'ख' पाठ्यपुस्तक

निम्नलिखित प्रश्नों के उत्तर दीजिए —(2×2=4)

प्रश्न 3 'तैं ही पूत अनोखी जायौ' -पंक्तियों में ग्वालन के मन के कौन-से भाव मुखरित हो रहे हैं?

प्रश्न 4 'दीवानों की हस्ती' इस कविता द्वारा कवि हमें क्या समझाना चाहते हैं? आप अपने जीवन को कैसे जीना पसंद करेंगे?

खंड 'ग' लेखन कार्य

प्रश्न 5 संकेत बिंदुओं के आधार पर 'पुस्तकालय' विषय पर 70 से 80 शब्दों में एक अनुच्छेद लिखिए—

(4×1=4)

संकेत बिंदु—

- 1 पुस्तकालयका अर्थ
- 2 पुस्तकालयकी आवश्यकता
- 3 लाभ- हानि
- 4 निष्कर्ष

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. Choose the correct option:

(1 x 2 = 2)

- a) What is the height of a rhombus whose diagonals are of length 9 cm and 12cm and base is 6cm ?
i) 8 cm ii) 9 cm iii) 18 cm iv) 54cm
- b) If the area of a trapezium field is 960 squaremetres, the distance between two parallel sides is 30 m and one of the parallel side is 20 m, then what will be length of the other parallel side ?
i) 4.4 m ii) 88 m iii) 64 m iv) 44 m

Q2. Show that : $(4xy + 3y)^2 - (4xy - 3y)^2 = 48 xy^2$ (2)

Q3. Factorise the following using suitable algebraic identities: (3)
(mention the identity used)

a) $49 p^2 - 121 q^2$ b) $a^2 - 2ab + b^2 - c^2$ c) $25 m^2 + 30m + 9$

- Q4. a) Add : $(7xy + 5yz - 3zx)$, $(4yz + 9zx - 4y)$ and $(-3zx + 5x - 2xy)$ (4)
b) Subtract : $4a - 6ab + 4b + 12$ from $7b - 8a + 4ab - 8$
c) Multiply : 2, 4y, $6y^2$, $8y^3$
d) Divide : $10y(6y + 21)$ by $5(2y + 7)$

- Q5. a) Find the side of a cube whose total surface area is 726 cm^2 . (1)
b) The dimensions of a cuboid are in the ratio 5: 3: 1 and its total surface area is 414 m^2 . Find the dimensions. (3)

Subject: Science

General Instructions:

- (1) The work should be done neatly and in a systematic way.
- (2) The given questions are to be done separately in the respective subject notebooks (Physics, Chemistry and Biology notebook).
- (3) Write questions along with the answers.
- (4) Answer the 02 marks questions in 30 to 50 words.
- (5) Answer the 03 marks questions in 50 to 80 words.
- (6) Answer the 05 marks question in 80 to 120 words.

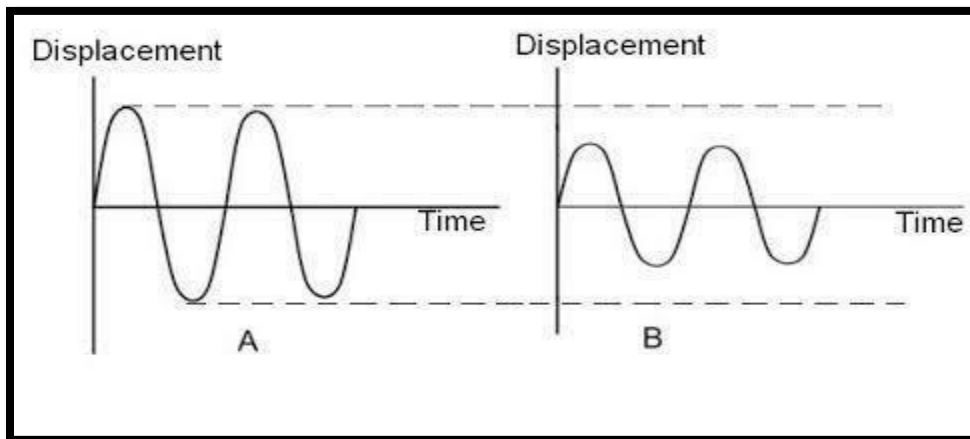
Physics

Q1. How is sound produced? (2)

Q2. (i) Why is a thundering sound heard after lightning is seen?

(ii) Write the S.I. units of frequency and wavelength respectively. (2)

Q3.



(a) The above figures represent two different sound waves. Which one will represent soft sound?

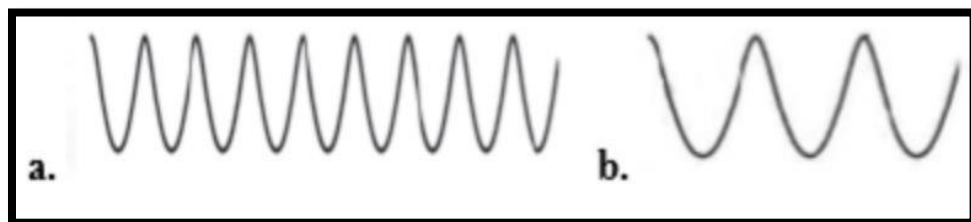
(b) Name any two musical instruments and describe how sound is produced in them? (3)

Q4. Explain how sound is produced in human beings. (3)

Q5. (i) State the differences between ultrasonic sound and infrasonic sound. (5)

(ii) Give an example to show that the frequency determines the shrillness or pitch of a sound.

(iii) Identify the type of frequency in the given figure:



Chemistry

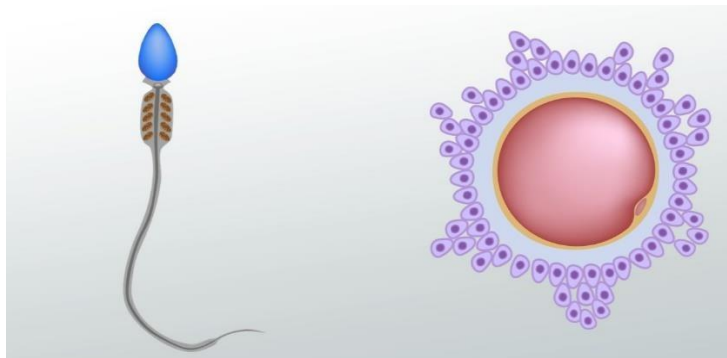
- Q1. Amit was travelling in a car when he saw lightning at some distance. He heard a louder thunder at some distance. What should Amit do immediately to be safe? (2)
- Q2. Give reason: (1+1=2)
- (a) A crackling sound is heard while taking off a sweater during winters.
 - (b) We should never carry a metallic umbrella during thunderstorms.
- Q3. (a) Define earthing. (1+2=3)
- (b) Explain the importance of earthing in buildings.
- Q4. (a) Why is it unsafe to use mobile phones during thunderstorms? (1)
- (b) During the construction of a building, the lightning conductor was kept hanging by mistake. Why will the lightning conductor not be effective? (2)
- Q5.(a) Describe with the help of a diagram an instrument that can be used to detect a charged body. (2)
- (b) Draw a well labelled diagram of the different layers of the Earth. (2)
 - (c) Enlist the different ways of charging an uncharged object. (1)

Biology

- Q1. What will happen if living organisms stop reproducing for the next 100 years? Explain. (2)
- Q2. List the basic difference between reproductive mechanism in human beings and hens. (2)
- Q3. Why does a frog release large number of gametes in an external environment? (3)



- Q4. How are babies produced through IVF technique? What are such babies called? (3)
- Q5. Observe the given human reproductive cells carefully and name them. List any four differences between the human reproductive cells. (5)



Subject: Social Science

History

General Instructions:

- *The work should be done neatly and in a systematic way.*
- *The given questions are to be done in History (red) 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. What does 'reservation' and 'social justice' mean? (2)

Q2. Who were the Radicals? How were they different from the moderates? (3)

Q3. Explain the following: (1½ x2=3)

(i) Swadeshi and Boycott Movement

(ii) Ilbert bill Controversy

Q4. Answer briefly: (1+2+2=5)

(i) What is Manual Scavenging?

(ii) Why do you think manual scavenging is dangerous and inhuman work?

(iii) Mention any four punishable offences recognized under Prevention of Atrocities Act, 1989.

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:

_____.

General Instructions:

Subject: Geography

- *The work should be done neatly and in a systematic way.*
- *The given questions are to be done in Geography (red) notebook.*
- *Write questions along with the answers.*
- *Question No.1 is to be answered in 20 to 30 words.*
- *Questions No.2&3 are to be answered in 30 to 50 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. Define the terms 'hinterland' and 'ginning'.
(1+1=2)

Q2. Why is iron and steel industry known as the basic industry? Mention the inputs, processes and outputs of this industry. (3)

Q3. Make a G.O. on the classification industries based on raw material. Explain any two in detail.
(1+2=3)

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 **any four** main centres of 'Iron and Steel

Production' regions in India. (1/2 x4=2)