

DR. VIRENDRA SWARUP EDUCATION CENTRE, N-BLOCK, KIDWAI NAGAR
CLASS 8 HOLIDAY HOMEWORK

ENGLISH-

(A) GIRLS: Read "The Hidden staircase"-Nancy Drew

BOYS: Read "Hardy Boys Adventures" Peril at Granite Peak

* Students will write the summary of the respective Novel in a comment sheet. (in your own words)

(B) There is a house robbery in your neighbourhood. Being a detective how would you solve the case.

HINTS:

* Things stolen

* Time, Date

* Number of members in the house

* Any Casualties

Make a proper report in an A4 sheet.

• Also do page no. 25 to 52 in your Grammar book

*Do the uploaded sheet in your language register.

**"Make the world a better place" your ten days task to be done in a form of diary entry. (Make your own 10 page diary). Make it as creative as possible:

FOLLOW STEPS-

Day 1 - Sort out what you don't need and give it to charity

2- Tell someone how much they mean to you

3- Do a household chore without being asked

4- speak out when you see something you dont think is right

5- Try a new food you can't pronounce

6- Write to your Mayor about an issue you think is important

7- Cook a meal for your mother to make her happy.

8- Tack to an elder relative about your family history.

9- Switch off your on-line presence and avoid all social media.

10- Watch a black and white movie

HINDI-

महान साहित्यकार 'मुंशी प्रेमचंद' की कहानी 'पूँस की रात'

पढ़िए। एवं दिए गए प्रश्न के आधार पर कहानी

को स्वयं लिखिए।

यदि शीत ऋतु के स्थान पर ग्रीष्म ऋतु होती तो कहानी का मोड़ क्या होता? (Do it in Hindi language notebook)

MATHS-

1. Kindly complete the given sheet uploaded on the School website based on Case Study and Assertion Reason Questions. (To be done in the C.W. Register).
2. Verify that the sum of interior angles of a quadrilateral is 360° by paper cutting and pasting. (To be done in the Activity notebook).

PHYSICS-

What role does friction play in your favourite sport ?

Collect some pictures of your favourite sport in action where friction is either supporting it or opposing it.

Display these pictures with proper captions on art sheets put together in a presentable manner with hand made cover. (Do not use plastic files or file covers)

CHEMISTRY-

On a comment sheet or an art sheet make a table mentioning the names of various metallic items of daily usage and mention the alloy with which it is made. Also mention the percentage composition of various elements in that alloy and the property of that alloy.

COLUMN HEADINGS- Item, Alloy, Percentage composition, Property

BIOLOGY-

Visit a doctor / chemist shop. Find out about the antibiotics that are commonly used. Make a short report on the antibiotics commonly used. Also find the following points and add in your report---

1. Any 10 antibiotics used by the doctors .

2. Diseases treated by the above mentioned antibiotics.
 3. The species from which these antibiotics are made.
 4. Which antibiotics can be harmful when overused and Why?
 5. Any present research going on in upcoming antibiotics .
- Also Include pictures ,tables and graphs in your report writing .
Do it in maximum 5 A4 size sheets . And keep the sheets in a handmade sheet cover file and submit.

GEOGRAPHY-

Make a written project on the topic Multipurpose Projects of India.(4 to 5 coloured sheets)

HISTORY-

Make a project on the topic "Tribals Dikus and the vision of a golden age" using guide points- 1. Tribal Occupation 2. Tribal Revolt

COMPUTERS-

Draw a flow chart or make a chart on the topic in A4 sheet- " Journey of Android from the first version to the latest version"

GENERAL KNOWLEDGE-

Prepare a General knowledge Quiz on powerpoint based on the knowledge you have acquired. Step-by-step guidelines for the assignment are given below:-

1. Choose at least 6-7 different topics for the quiz:

- Examples: (a)Around the globe
(b) Indian culture and heritage
(c)General science
(d) Sports
(e) Brand Logos / taglines
(f) Famous personalities
(g) Books and authors

Each topic should have atleast 5 questions.

2. Create the Power Point Presentation:

Slide 1: Title Slide

Title: General knowledge Quiz

Subtitle: Prepared by [Your Name]

Include an image or graphic relevant to the quiz theme.

Slide 2: Instructions Slide

Explain the rules of the quiz.

Example:- Each question will be displayed with multiple-choice answers. Only one answer is correct.

Next Slides- Question slides

First introduce each and every topic and then 5 questions related to the topic along with four different options .

Next slide:- (Answer slide)

Prepare a separate slide for correct answers along with the explanation.

3. Design and Aesthetics:

(A)Use a consistent design template throughout presentation.

(B)Add relevant images and graphics to make the quiz visually appealing.

4. Submission:

Save the Power Point presentation with the file name:GK Quiz [Your Name]

Submit the file via email or bring it in a pen drive.

I. Assertion and Reason based questions:

In the following questions a statement of Assertion (A) is followed by a statement of Reason (R). Choose the correct answer out of the following choices.

A) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A)

B) Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion (A)

C) Assertion (A) is true but Reason (R) is false.

D) Assertion (A) is false but Reason (R) is true.

1. Assertion: Simple interest on a given amount is always less than or equal to the compound interest on the same amount for the same time period and at the same rate of interest per annum.

Reason: $S.I. = \frac{PRT}{100}$

2. Assertion: The fourth proportional to 7, 12, 28 is 48.

Reason: If a, b, c, d are in proportion, then, $ac = bd$.

3. Assertion: The factors of $x^2 - 2xy + y^2$ are $(x + y)(x - y)$.

Reason: $(x + y)^2 = x^2 + 2xy + y^2$

4. Assertion: Rational numbers are closed under addition and multiplication but not under subtraction.

Reason: For any two rational numbers a and b,

$a + b$ is a rational number

$a - b$ is a rational number

$a \times b$ is a rational number

5. Assertion: The value of $\sqrt[3]{27} + \sqrt[3]{0.008} + \sqrt[3]{0.064}$ is 3.6

Reason: We cannot find the cube roots of negative numbers.

6. Assertion: The population of a village is 8000. Out of these, 80% are literate and of these literate people, 40% are women. The ratio of the number of literate women to the number of illiterate people is 8 : 5.

Reason: Percentage can be converted into ratios and vice-versa.

Case Study Questions-

- I. The salaries of three friends- P, Q and R are in the ratio 5 : 6 : 8 respectively :

Based on the above information, answer the following questions:

1. If P, Q and R save 10%, 15% and 20% of their salaries respectively, what is the ratio of their savings

2. If P, Q and R save one-half, one-third and one-fourth of their salaries respectively, what is the ratio of their expenditures?

3. If P, Q and R receive increments of 20%, 10% and 15% respectively in their salaries, what will be the ratio of their new salaries?

- II. Four friends studying in different schools sat down to discuss their scores in their mid-term examination. Their scores are as under:

i. A secured 56 marks out of 80.

ii. B secured 108 marks out of 150.

iii. C secured 51 marks out of 75.

iv. D secured 87 marks out of 120.

Based on the above information, answer the following questions:

- Which of the four friends had the best performance?
- Which of the four friends had the least performance?
- C got his test paper re- evaluated and his score increased by 12%. His new score is?

III. A woman has decided to start a business. She needs ₹15 Lakh for the business. She has ₹10 Lakh and needs to take a loan for the remaining amount for 3 years. She has approached a Bank which offered a loan of @10% compounded annually. Her friend offered the loan for @12% p.a. of simple interest. She is in a dilemma as to whom she should approach.

- Help her to resolve this conflict. Show your working.
- Verify your solution using the formulas.
- Justify your solution by describing the patterns of simple interest and compound interest.
- Explain whether your solution makes sense to resolve the dilemma to take a loan which benefits.

IV. In annual examination of a school, 40 of the total students used unfair means out of which were 4 caught red handed. If number of students who escaped being caught is 15, find the total number of students who appeared in the annual examination? What values are promoted in the above question?

V. Two sisters Reema and Tanvee went to a mela type function organised in their housing society on the occasion of Diwali. They were given ₹300 by their parents. In the mela, they enjoyed some games and enjoyed the Giant Wheel and paid some money and also bought some toys. Tanvi spent ₹50 more than Reema. When they returned home, they had ₹30 left with them.

Based on the above information, answer the following questions-

- Amount spent by Reema is_____.
- Amount spent by Tanvee is_____.
- The ratio of the amount spent by Tanvee to that of Reema is_____.
- Reema spent 20% of the total money she spent on the Giant-Wheel, then this money spent is _____.

SUDOKU QUESTIONS

1.

		2	6	7		1	
6	8		7		9		
1	9			4	5		
8	2	1			4		
	4	6	2	9			
	5			3	2	8	
		9	3			7	4
	4			5		3	6
7	3		1	8			

3.

		6		4		
7			3	6		
			9	1	8	
	5	1	8			3
		3	6	4	5	
	4	2			6	
9	3					
2				1		

5.

2		3					
8	4		6	2		3	
	1	3	8		2		
			2		3	9	
5	7				6	2	1
	3	2		6			
	2			9	1	4	
6	1	2	5		8		9
				1			2

2.

1		4	8	9			6
7	3					4	
				1	2	9	5
	7	1	2		6		
5		7	3				8
	6		9	5	7		
9	1	4	6				
	2					3	7
8		5	1	2			4

4.

	2	6	8				
5	8			9	7		
			4				
3	7			5			
6						4	
	8					1	3
			2				
		9	8			3	6
		3	6		9		

**Dr. Virendra Swarup Education Centre, N- Block, Kidwai Nagar
Practice Sheet**

Class : 8

A. Fill in the blanks with suitable prepositions:

1. We saw them walking _____ the street.
2. Tom looked _____ the peephole to see who was at the door.
3. The prisoners were deprived _____ basic human rights.
4. He exchanged Indian currency _____ US dollars.
5. I was stunned _____ her graceful performance.

B. Complete the paragraph with suitable words:

There once lived a _____ (noun) who made _____ (adjective) glass cups that could not be broken. One day he decided to _____ (verb) them _____ (preposition) the king. He went with _____ (article) cups to the king the next day. Everybody who saw _____ (pronoun) work said it _____ (be) beautiful _____ (conjunction) praised the glass maker.

C. Rewrite the following sentences by converting the underlined phrases into one word adverbs:

1. By sheer luck, my family got seats in the business class.
2. Mrs. Thapar acted in a strange manner to everyone's astonishment.
3. The boss handles his employees in a firm manner.
4. Mr. Thakur smiled and nodded with affection.
5. They put up posters for the school fete in all places.

D. Write antonyms for the following words. NOTE: All antonyms need to begin with the first letter of the given words.

1. Idle _____
2. Careful _____
3. Friend _____
4. Dry _____

E. Fill in the blanks with phrasal verbs beginning with 'look':

1. I need to find someone who can _____ my dogs this weekend while I am on holiday.
2. Jane rushed to _____ her child in the crowd.

F. Identify the words using clues given, number of letters in the word and prefixes mentioned:

1. ex _____ - give or receive one thing in return for another (8)
2. un _____ - troubled or uncomfortable (6)
3. sub _____ - captions displayed at the bottom of a screen in movies or shows (9)
4. ambi _____ - able to use both hands skilfully (12)
5. dis _____ - give oneself a different appearance (8)

G. Join these sentences using conjunctions:

1. Dinesh was getting late. He still helped the lady.
2. Shalini is a good teacher. She is a good organizer.

H. Complete the spellings with - ant or - ent:

1. the assist_____manager
2. a pleas_____surprise
3. a perman_____solution
4. a musical instrum_____

I. Fill in the blanks with suitable form of verbs given in brackets:

1. I _____ to go to Australia in summers. (plan)
2. We _____ your place in about an hour. (reach)
3. He looked around everywhere but could not _____ his pup. (find)
4. The gardener _____ some rose bushes next month. (plant)