



D.A.V. Police Public School

(Under the direct control of D.A.V. College Managing Committee, New Delhi)
-educational, English Medium School (to be upgraded up to Senior Secondary)

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Summer Vacations Homework and Assignments

Class VII HOMEWORK

Hindi : पुस्तक का नाम (ज्ञान सागर,अभ्यास सागर)

क. पाठ -1 बारहमासा (ज्ञान सागर,अभ्यास सागर) पूरा याद करो।

पाठ 2. नाटक में नाटक (ज्ञान सागर,अभ्यास सागर) पूरा याद करो।

ख. बीस सुलेख लिखो।

ग. अनुस्वार और अनुनासिक शब्दों से संबंधित चार्ट बनाओ।

Mathematics:

• Make a scrapbook the cover page of which should be designed using geometrical shapes.

• Complete your work with neat and legible handwriting.

• Do complete your fair notebook upto Chapter-2 (Page No. 1 to 49)

(A) Represent the following rational numbers on number line:

a) $-\frac{8}{7}$

b) $5\frac{1}{3}$

c) $-3\frac{1}{2}$

d) $\frac{7}{9}$

e) $-\frac{8}{11}$

(Do it in your activity book)

B) Encircle mathematical terms in the following:

Math Terms Word Search

G	V	U	S	N	H	W	I	R	F	B	P	O	L	Z	B	A	L	N	U	Q	Q	P	Z		
L	G	K	N	X	K	I	T	Z	N	Y	X	V	G	P	X	T	E	B	M	H	V	T	O		
Y	K	I	O	S	M	U	L	T	I	P	L	I	C	A	T	I	O	N	A	T	T	M	G		
U	D	E	I	W	S	P	L	A	C	E	V	A	L	U	E	N	I	E	K	B	B	G	F		
A	Z	S	T	A	M	D	Z	E	N	S	A	B	E	G	J	N	Q	J	A	E	O	B	F		
T	V	R	C	V	E	N	A	N	W	J	V	Y	K	O	Z	I	S	M	A	P	A	V	B		
F	E	S	A	S	L	Z	R	M	R	U	V	F	K	C	Q	R	W	J	C	G	W	W	M		
W	F	R	R	B	B	J	U	D	C	I	V	Y	S	R	O	U	U	H	U	S	P	G	X		
J	X	R	F	Y	O	D	H	W	I	G	Z	R	E	X	T	U	U	C	G	J	I	Q	U	O	R
S	O	E	G	N	R	B	T	X	U	V	S	C	R	E	T	T	A	G	G	X	U	I	J	Y	
Z	Q	D	S	E	P	S	B	J	Z	M	I	N	H	E	S	I	B	B	B	A	F	J	T	G	
I	J	N	L	R	Y	E	J	Y	X	G	S	S	O	V	Q	P	B	X	W	R	J	D	O	C	
X	B	I	A	R	O	T	E	K	C	M	U	I	I	D	G	S	J	A	E	R	C	R	C	R	
S	Q	A	M	J	O	X	C	N	J	R	Q	G	U	B	O	T	D	F	N	A	M	R	C	R	
S	S	M	I	N	T	U	E	L	V	D	K	B	P	T	N	A	N	M	F	O	B	D	J	L	
G	Q	E	C	F	S	U	N	L	Q	W	L	K	E	M	R	A	M	R	X	O	Z	W	L	F	
D	M	R	E	M	O	A	W	D	W	K	F	W	U	N	I	A	Y	I	M	T	C	K	F	F	
Y	L	X	D	R	A	T	N	K	I	O	S	W	Q	B	H	P	C	Z	T	S	Q	S	P	P	
X	A	Y	L	W	F	I	K	B	R	N	Z	E	L	A	I	O	T	T	P	S	H	L	O	O	
Y	M	K	T	V	S	H	B	V	I	Z	G	G	F	O	C	L	P	L	I	G	E	V	J	I	
W	Y	H	Z	B	P	O	G	H	V	M	D	T	N	B	H	P	Y	N	G	O	F	Z	I	O	
E	Z	T	B	C	U	L	I	N	X	W	N	O	I	T	I	D	D	A	D	Q	N	F	O	T	
N	O	V	C	I	X	H	U	V	I	N	G	P	X	W	W	Q	E	Y	U	Q	N	L	T	H	
I	P	I	S	Z	T	W	Z	V	K	A	E	R	O	X	S	R	H	S	I	F	T	K	H	H	

estimations
square roots
division

story problems
decimals
multiplication

place value
remainders
subtraction

rounding
fractions
addition

(C)

General Instructions:

- Submit your work in a separate notebook.
- Practice Chapter - 1 and 2

(D) Make a short Formula Notebook. (Use A4 or A3 size pastel sheet)

General Science:

1. Complete your notebook and cover it.

2. Project Work

- Collect photographs of pitcher plant and Venus flytrap and paste them in your scrapbook.
- Collect pictures of various stage of production of wool. Make a flow chart by using these pictures.

3. ACTIVITY

- Photosynthesis experiment.

4. Revise lesson 1, 2, and complete the given assignment in fair notebook scrapbook.

Social Science:

1. Learn L-1(Component of Environment), L-9 (Medieval Period),

L-18 (Democracy and Equality)

2. Complete your book and notebook.

3. Learn all the chapters done.

4. Read two pages of your book daily and underline new words. Find out their meaning daily.

5. **Map Skill:** Do map skills of L-1 and L-9

6. Activity work –

i. Prepare a chart showing different spheres of the environment.

ii. Use a glass bottle to **show** the various layers of soil and label them beautifully and clearly.

7. Life Skill Activity:

i. In a corner of your balcony, keep two bowls

ii. Put grains or seeds in one and water in the other

iii. Watch the birds feed.

iv. Remember to replace the water every day and clean the bowls regularly.

v. Take snaps of these birds.

G.K: Book page 1 to 30. Learn and complete one page daily.

Sanskrit :

*प्रथम पाठः बुद्धि एव अस्माकम् बलम्

द्वितीय पाठ अभ्यासः एव परमो गुरुः

तृतीय पाठ उपकारकाः वृक्षाः

चतुर्थ पाठ आगच्छ! भोजनम् कुर्याम्

पंचम पाठ सुवचनानि

उपर्युक्त पाठों की हिन्दी अनुवाद व अभ्यास कार्य लिखों व याद करो

व्याकरण भाग - अकारांत पुल्लिंग शब्द रूप राम, छात्र, बालकः याद करने व लिखने।

पठ्, वद्, हस्, नम् धातु के पांचो लकार लिखने व याद करने

संस्कृत संख्या शब्दों का चार्ट बनाना

राम शब्द रूप का चार्ट बनाओ।

Natik Shiksha: आर्य समाज के दस नियम लिखने व याद करने।

*हमारे देश को स्वतन्त्र कराने में जिन देश भक्तों का महत्वपूर्ण योगदान रहा उनमें से किन्हीं चार के बारे में अपने विचार लिखें।

*आर्य समाज से सम्बंधित लिखवाए गए प्रश्नों को याद करो।

*स्वामी दयानंद के बारे में एक लेख लिखें। व याद करो।

*किन्हीं पांच महापुरुषों के बारे में जिन्हें आप अच्छे से जानते हो। अपने विचार व्यक्त कीजिए।

ASSIGNMENT

Subject: Hindi

प्रश्न -1. निम्नलिखित प्रश्नों के उत्तर दीजिए-

क. राकेश ने नाटक को किस प्रकार संभाला?

ख. 'नाटक में नाटक' कहानी का कोई अन्य शीर्षक बताते हुए उसके चुनाव का कारण भी बताइए।

ग. अगहन नाच क्यों नचा देता है?

घ. भारतीय महीनों के क्रमानुसार नाम लिखिए।

प्रश्न -2. नीचे दिए गए शब्दों को शब्द-कोश के क्रमानुसार लिखिए-

पटरी, मंच, सप्ताह, पर्दा, स्वयं, प्रशंसा, सार्वजनिक, पूर्वाभ्यास

प्रश्न -3. निम्नलिखित शब्दों के अर्थ में अंतर स्पष्ट करते हुए इनका वाक्य प्रयोग करो-

बाधा, बांधा, गोद, गोंद

प्रश्न -4. नीचे दिए गए मुहावरों का अर्थ बताते हुए इनका वाक्य प्रयोग करो-

अक्ल का दुश्मन, मुंह की खाना, नाक में दम करना, कोल्हू का बैल

प्रश्न -5. जीवन मूल्य पर आधारित प्रश्न-

गुस्से या क्रोध को शांत करने के लिए हमें क्या करना चाहिए?

Subject: Mathematics

Q1) Compare the absolute values of the following rational numbers: $-\frac{8}{9}$ and $-\frac{3}{9}$

Q2) On a number line, what is the length of the line segment joining $-\frac{1}{2}$ and $-2\frac{1}{2}$.

Q3) Write down the rational number whose numerator is $(-3) \times 4$ and whose denominator is $(34 - 23) \times (7 - 4)$.

Q4) From a rope 11 m long, two pieces of lengths $\frac{13}{5}$ m and $\frac{33}{10}$ m are cut off. What is the length of the remaining rope?

Q5) Express $\frac{-64}{256}$ as a rational number with denominator 8

Q6) Find the value of x: $\frac{15}{-x} = \frac{1}{-7}$

Q7) Divide the sum of the rational numbers $\frac{3}{4}$ and $-\frac{5}{6}$ by the absolute value of their difference.

Q8) Find out three rational numbers between $\frac{2}{3}$ and $\frac{3}{4}$

Q9) Find the product of: $-\frac{3}{8}$ and reciprocal of $\frac{6}{11}$.

Q10) Find the value of $(\frac{1}{x} \div \frac{1}{y}) \div (xy)$ if $x = \frac{3}{5}$, $y = \frac{4}{3}$

Q11). Find the area of square whose each side is $\frac{7}{5}$ cm.

Q12) A wire is $\frac{7}{10}$ m long. It is divided into 2 equal parts. What is the length of each part?

Q13) Find the difference between $\frac{3}{5}$ of 30 km and $\frac{2}{3}$ of 30 km.

Q14) A carpenter cuts off from a plank $\frac{5}{12}$ of its length and then $\frac{6}{7}$ of what remains. If the remaining piece is 52m long, find the original length of the plank.

Tick the correct option.

Q15 The identity element of addition of Rational numbers is

- (a) 0 (b)1 (c) -1 (d) number itself
Q16 The identity element of subtraction is
(a) 0 (b)not defined (c) 1 (d) -1
Q17 Every rational number has an absolute value
(a) Equal to 0 (b) greater than 0 (c) greater than or equal to 0 (d) lesser than 0
Q18 On a number line the length of line segment joining 3 and -3 is
(a) 0 unit (b) 6 units (c) -6 unit (d) 3 units
Q19 Between any two rational numbers we can find
(a) Only one rational number (b) infinite rational numbers (c) none of the above
Q20 Write meanings of difficult words/terms of all the chapters of 1st term in the fair register.

Subject- General Science

Short question-

1. Write the name of essential nutrients.
2. What do you understand by heterotrophic nutrition?
3. what do you understand by ingestion of food?
4. What is the reasons of ocean water being unfit for our usage?
5. What is rain water harvesting?
6. Why should we not throw cooking oil in drains?
7. what is water table ?
8. name three form of water.
9. State the role of vessels present in a plant.
10. Name the four types of teeth in human mouth.

Long questions

1. Briefly explain the various steps of nutrition in human beings.
2. Why would life is not possible on the earth in the absence of photosynthesis?
3. Briefly explain water scarcity.
4. Suggest some steps to conserve water.

Subject: Social Science

Answer the following questions.

1. Why is there a need for resource planning? Give three reasons.
2. What do you understand by sustainable development?
3. Human needs and wants are neither uniform in all parts of the world nor static over the years'. Explain the statement giving suitable examples.
4. Describe the various basis of classification of resources with the help of examples.
5. Differentiate between biotic and abiotic resources.
6. Name the newspaper that was started by Tilak.

7. What type of information do we get from the official records?
8. Mention any five major events related to the freedom struggle of India.
9. List the main sources of information of the Modern Period. Explain any two sources briefly.
10. Do that you think in India the British, a foreign power, had the right to suppress writings in regional languages?

Subject Sanskrit:

प्रश्न 1 हिन्दी अनुवाद करें।

एकः बलवान् सिंहः आसीत्। सः वनस्य राजा आसीत्। सर्वे पशवः सिंहात् भीताः आसन्। सिंहः प्रतिदिनम् पशून् मारयति स्म। पशूना संख्या न्यूनता अभवत्। सिंहात् भीताः पशवः गुहासु वसन्ति स्म।

प्रश्न 2 अधोलिखित शब्दार्थ लिखतु (नीचे दिए गए शब्दों के अर्थ लिखो।)

भीताः, न्यूनता, बुभुक्षित, गुहासु

प्रश्न 3 एकपदेन उत्तर लिखन्तु

*क. कः वनस्य राजा आसीत्?

ख. पशवः कुत्र वसन्ति स्म?

ग. कः बुभुक्षित आसीत्?

घ. शाखा कस्मात् उद्भवन्ति?

ड. खनिज पदार्थैः अस्माकम् शरीर किम् लभेत?

प्रश्न 4 अकारांत पुल्लिङ्ग शब्द रूप लिखें। (अपनी इच्छा अनुसार)

प्रश्न 5 हस् (हसना) धातु के पांचों लकार लिखें।