DAV PUBLIC SCHOOL, IB VALLEY AREA, MCL, BRAJRAJNAGAR.
Holiday Assignment (CLASS 8th)

SL.	SUBJECT	ASSIGNMENT (CLASS 8TH)

1.	SCIENCE	**PHYSICS**
		1. MCQ
		What is force?
		   a. pull
		   b. push
		   c. push and push both
		   d. none of these
		2. What is state of motion?
		   a. position of rest
		   b. position of motion
		   c. both by the state of rest or motion
		   d. none of these
		3. The strength of force is expressed by?
		   a. weight
		   b. mass
		   c. magnitude
		   d. longitudinal force
		4. The force between two charged bodies is called
		   a. muscular force
		   b. gravitational force
		   c. magnetic force
		   d. electrostatic force
		
		2. SHORT ANSWER TYPE QUESTIONS
		1. It is difficult to cut cloth using a pair of scissors with blunt blades. Explain.
		2. How does an applied force changes the speed of an object?
		3. Two thermocol balls held close to each other move away from each other. When they are released, name the force which might be responsible for this phenomenon. Explain.
		4. What is the similarity between electrostatic and magnetic forces?
		
		3.LONG ANSWER TYPE QUESTIONS
		1. What is force? State the difference between contact force and non-contact force.
		2. Define the different types of forces
		An archer shoots an arrow in the air horizontally. However, after moving some distance, the arrow falls to the ground. Name the initial force that sets the arrow in motion. Explain why the arrow ultimately falls down.
		CHEMISTRY
		Project–Conservation of energy
		1. Collect the electricity bills of your house.
		2. Compare the consumption of electricity in different seasons.
		3. Convert the data into a bar graph and compare it based on season.
		4. Find out the causes of more consumption of energy in a particular month/season.
		5. Find out the solution for reducing energy consumption in your house. Give more suggestions to reduce energy consumption and try to imbibe habits of saving energy.
		Note: The project can be prepared in any creative format.
		6. What are inflammable substances ?
		7. Suggest any one precaution that must be taken at petrol stations & LPG godowns.
		8. If the clothes of person catch fire, the person should be immediately

wrapped in a thick blanket. why?

BIOLOGY

SECTION-A

1. ----- compete with crops for nutrients.
2. ----- bacteria present in the root nodules of --- plants
3. ----- results in loosening and mixing of soil
4. Name the chemical which kill weeds but do not harm the crops.

SECTION-B

1. Why is the use of a seed drill more advantageous as compared to sowing seeds by broad casting
2. Define the term transplantation? List any two advantages it offers to the farmer.
3. If rice is sown in the month of Nov, how is the produce likely to be impacted? And why?

SECTION-C.

1. Make a list of Kharif and Rabi crops which are grown in your area. Find out if there are any silos in your city.
2. Find out about Organic farming .Learn about the activities involved and the characteristics of plants grown in organic farming
3.Try to find out the changes that have come about between modern and traditional farming practices

| 2. | MATH | **1. MCQ** |

1. MCQ

1. Find the sides of a cubical box whose volume is 64 cm^3.
2. If $140\sqrt{x}+315 =1015$, then x is equal to ____.
3. The value of $(0.9)^2 - (0.1)^2$ is_____.
4. The greatest number of 4 digit which is a perfect square is_____.
5. Find the cube root of 0.064.
6. How many non-square numbers are there between 20^2 and 21^2 ?
7. How many square numbers are there between 1 and 50 .
8. How many zeroes are there in the cube of 1000?
9.What is the value of $\sqrt[2]{176 + \sqrt{2401}}$
10.What is the sum of first six odd natural number?

2. SHORT ANSWER TYPE QUESTIONS

11. Find the square root of 144 by the method of repeated subtraction.
12. The area of a square field is 8281 m^2. Find the length of its side.
13. Find the square root of $4\frac{53}{169}$
14. Simplify $(\sqrt{81} + \sqrt{0.81} + \sqrt{0.0081}) \times \sqrt{10000}$
15. Find a Pythagorean triplet corresponding to n=5.

16. Find the smallest number by which 1800 must be multiplied so that it becomes a perfect square. Also find the square root of the perfect square so obtained.
17. Find the square root of 39204 (By long division method)
18. Show that 384 is not a perfect cube.
19. Find the cube root of – 3375.
20. Find the cube of square of 0.2

3.LONG ANSWER TYPE QUESTIONS

21. Find the square of 2.5 correct up to 3 decimal places.

22. Find the square root of 90 by Estimation method.

23. The area of a square field is 5184 m². A rectangular field, whose length is twice of its breadth, has its perimeter equal to the perimeter of the square field. Find the area of the rectangular field.

24. The product of two numbers is 1296.If one of the number is 16 times other, find the number.

25. Evaluate : $\sqrt[3]{\dfrac{0.008}{0.027}} \div \sqrt[3]{\dfrac{729}{512}} \ X \dfrac{27}{16}$

| 3. | SST | **1. MCQ** |
| | | |

1. MCQ

1. Identify one pair from the following which is correctly matched.   [1]
   (a) Internet data bases – Digital South Asia Library.
   (b) Champaran – New Delhi.
(c)Morley Minto Reform – 1885.
   (d) Gateway of India – New Delhi.

2. Fill in the blanks by choosing an appropriate word from the following,[1]
The vernacular press Act was passed in _____.
   (a) 1858   (b) 1878   (c) 1880.   (d) 1890.

3. The collection of historical records and documents are preserved in ____.
   (a) Temple   (b) Archives   (c) Library.   (d) Museum.

4. Which one of the following facts is not correct about the biggest museum on Gandhiji ?
   (a) It has a very good collection of Gandhiji writings.
   (b) Its library has around 60000 books.
(c) It is looked after by Gandhi smriti.
          (d)The museum is located at Sabarmati Ashram.

  5.Choose the correct statement which depicts the significance of the Preamble in the Indian constitution.
              A. It contains the aims and objectives of the constitution.
              B. It contains the powers of the President of India.
              C. It states the objectives of the elections.
              D. It states the powers and functions of the Prime Minister.

6. Who is regarded as the father of the Indian Constitution?
   (a) Jawaharlal Nehru
b)Dr. B.R. Ambedkar
(c) Vallabhbhai Patel
          (d)C. Rajagopalachari

7. Concept of Directive Principles of State Policy borrowed from which constitution.
(a) British.   (b)USSR
(c) Canada.   (d) Ireland

8. Which one of the following is a natural resource?
   (a) Forests
   (b) Road
   (c) Medicines to treat asthma
   (d)Television

9. Which one of the following is a biotic resource?
   (a) Birds
   (b) Land
   (c)Water
   (d)Minerals

10. Coal is a

   (a) Renewable resource

   (b) Non-renewable resource

   (c) made-made resources

   (d)Biotic resources

2. SHORT ANSWER TYPE QUESTIONS

1. Name any two bills passed by the British parliament that give information about the history of modern period.

2. Why did the British pass the vernacular press act?

3. Name some Indian newspapers that worried the British government.

4. Define preamble of the Indian Constitution.

5. What does the constitution include?

6. How can you say the constitution of India is the lengthiest of the world.

7. Define the term conservation. Define the term conservation

8. What do you understand by sustainable development.

9. Mention two advantages of over irrigation.

10. What do you mean by resource development?

3.LONG ANSWER TYPE QUESTIONS

1. List the main sources of information of the modern period. Explain any two sources briefly.

2. India has a single integrated judicial system. Explain it.

3. Mention any five purposes which the constitution of India serves towards strengthening democracy.

4. Give any five characteristics of Regur soils of India.

5. Differentiate between potential and actual resources

4.	ENGLISH	**1. MCQ**

ENGLISH

1. MCQ

I. Choose the correct answer (MCQ)

1. The king was the bearded man's

i) friend   ii) enemy

iii) guard   iv) soldier

2. 'If you can give me none please say me so, I will go home'.

Who said these words?

i)Bearded man   ii) learned man

iii) king   iv) soldier

3.The hermit lived in a

i) small hut   ii) big hut

iii) bright hut   iv) dark hut

4.The word 'varied' in para 3 means

i)different   ii) unnecessary

iii) unequal   iv) unimportant

5.When he reached the king he fell on the ground and fainted. Who is he?

i)the soldier   ii) the hermit

iii)the beardedman   iv)the minister

6.What did Granny's family decide to build for her?

i)A house on the ground   ii) A lift to reach the tree

iii) A house on the tree   iv) A house in the park

7.How did Granny feel about the idea of aging gracefully?

i) She loved the idea   ii) She was excited

iii) She would rather age disgracefully

iv) She was indifferent.
8. Granny felt in her bed like

i) heaven   ii) happy

iii) comfortable   iv)hell

9.The responsibility of building a house on the tree top was taken up by

i) neighbours   ii) the poet's father

iii) her relatives   iv) the poet.

10.The doctor took Granny's temperature and suggested her

i) not to climb trees   ii) live gracefully

iii) a quiet week in bed   iv) healthy food habits.

2. SHORT ANSWER TYPE QUESTIONS
Answer the following questions in 30-40 words:
1. Why did the king refuse to give the reward?
2. Whom did the king decide to visit and why?
3. How did the king's unique way of answering the questions prove his wisdom?
4. How did the king help the bearded man?
5.Initially, the bearded man wanted to kill the king, but later he asked for forgiveness. Explain the reason behind this transformation.
6. Why did the narrator's family 'sigh in relief' in Granny's Tree climbing?
7. Mention the reason which made granny's family worried?
8.What things does the narrator carry to his Granny's tree top house?
9. Grandparents are always dear to grand children . Mention any two values children learn from them.
10. 'My dad knew his duties'. What did he think his duty was?

3.LONG ANSWER TYPE QUESTIONS
   Answer the following questions:
1. The true purpose of life is to forgive and help others . How does this saying relate to the character of the king? (70-80 words)
2. Do you consider poet's grandmother a crazy woman . Support your answer with reference to the poem.(70-80words)
3. Write a speech on 'Tradition against modernity -Generation gap' to be delivered in the morning assembly. You can refer to Unit I Changing Times of My English Reader book.
4. Imagine you are Granny, express your feelings of restlessness and sorrow while you are on bed rest, as advised by the doctor, in the form of a diary entry.
5. You are the bearded man , write a letter to your friend expressing your happiness and gratitude towards the king for his timely help and saving your life.

| 5. | HINDI | **1. MCQ**
1.पिंजरे में बंद पक्षी क्या-क्या भूल जाते है?
(क) अपनी इच्छा
(ख) अपनी उड़ान
(ग) अपनी खुशी
(घ) अपनी गति, उड़ान
2.. पक्षी अब बस सपनों में क्या देखते हैं?
(क) हम पेड़ों की ऊँची टहनियों पर झूला झूल रहे हैं।
(ख) हम आसमान में उड़ रहे हैं।
(ग) हम आजाद हो गए हैं। |

(घ) इनमें से कोई नही

3.पक्षी के पिंजरे की तीलियाँ किस धातु से बनी हुई बताई गई है?

(क) लोहे की

(ख) तांबे की

(ग) सोने की

(घ) चांदी की

4.पक्षियों को कहाँ का पानी पीना अच्छा लगता है?

(क) बारिस का

(ख) कुओं का

(ग) बाढ़ का

(घ) नदियों और झरनों का

5. प्रेमचंद के अनुसार असली धन क्या है?

A) पैसा और संपत्ति

B) पुण्य और सच्चाई

C) शक्ति और पद

D) ज्ञान और शिक्षा

6. "असल धन" कहानी का संदेश क्या है?

A) धन ही जीवन का उद्देश्य है

B) सच्चाई और पुण्य ही जीवन के असली धन हैं

C) शक्ति ही सब कुछ है

D) ज्ञान ही सबसे बड़ा धन है

7. दारा को किसने गवर्नर बनाया था ?

A) दरबारियों ने

B) शाहा ने

C) जनता ने

D) उसके मम्मी और पापा ने

8. अच्छे पड़ोसी की सबसे महत्वपूर्ण विशेषता क्या है?

A) सहयोग और सहानुभूति

B) धन और संपत्ति

C) शक्ति और प्रभाव

D) दूरी और अनदेखी

9. अच्छे पड़ोसी को कैसा होना चाहिए?

A) स्वार्थी और मतलबी

B) सहयोगी और मित्रवत

C) आलोचक और नकारात्मक

D) उदासीन और अनदेखी

10. पड़ोसी के साथ कैसा व्यवहार होना चाहिए?

A) सम्मान और सहयोग

B) अनादर और दुर्व्यवहार

C) उदासीनता और अनदेखी

D) स्वार्थ और मतलब

2. SHORT ANSWER TYPE QUESTIONS

11. पक्षी कहाँ का पानी पीना पसंद करते है?

12. पिंजरे में पक्षियों को क्या-क्या कष्ट है?

13. पक्षी अपनी आजादी की क्या कीमत दे सकते हैं?

14. दरबारी दारा से ईर्ष्या क्यों करते थे ?

15. गाँव वाले धारा का सम्मान क्यों करते थे ?

16. दरबारीयों ने दारा के खिलाफ शाह से क्या कहा ?

17. चरवाहे का जीवन कैसा था ?

18. पड़ोसी के केवल का तार काटने को लेकर लेखक क्या तर्क देते हैं ?

19. अच्छे पड़ोसी के गुण पाठ के आधार पर बताइए कि अक्सर पड़ोसियों में किन-किन बातों को लेकर बहस होती है ?

20. लेखक पड़ोसी के प्रति अपने उदारता का परिचय किस प्रकार देते हैं ?

3.LONG ANSWER TYPE QUESTIONS

21. 'हम पंछी उन्मुक्त गगन के' कविता का सारांश लिखिए ।

22. असल धन पाठ से हमें क्या प्रेरणा मिलती है ?

23. 'स्वतंत्रता का महत्व' पर 100 शब्दों में अनुच्छेद लेखन कीजिए।

24. किसी एक स्वतंत्रता सेनानी का जीवन परिचय, उनका योगदान तथा उनका चित्र। जैसे- महात्मा गांधी, पंडित जवाहरलाल नेहरू, सुभाष चंद्र बोस, भगत सिंह आदि।

25. 'ईमानदारी' विषय पर एक छोटी - सी लघु कथा लिखे । (लगभग 150 शब्दों में)

| 6. | ODIA | **1. MCQ**

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| 7. | SANSKRIT | 1.प्रथम, द्वितीय पाठ्योः पठनम् । |

1.प्रथम, द्वितीय पाठ्योः पठनम् ।

2.राम, लता, मुनि, नदी, अस्मद, युष्मद, तत्, किम् आदीनां शब्दानां रूप लेखनम् ।

3.एकतः पञ्चाशत् पर्यन्तं संस्कृत संख्या - पदानां लेखनम् ।

4.प्रथमपाठे आगतानां शब्दानां समानार्थक पदानां शब्दचक्रिका निर्माणम्।

मन्जूषायाः उचितपदैः निम्नलिखितानि पत्राणि पूरयत-

अनौपचारिक-पत्राणि

5. स्वकक्षाध्यापकस्य विषये मित्रं प्रति लिखितं पत्रं मञ्जूषायाः उचितैः पदैः पूरयत-

परीक्षाभवनात्,

तिथिः

प्रिय मित्र,

(1) ....। अत्र कुशलं तत्रास्तु। अस्मिन् पत्रे अहं मम कक्षाध्यापकस्य विषये
(ii)............ । मम (iii) .... स्वविषये
निपुणः अध्यापकः अस्ति। सः अस्मान् (iv) .... पाठयति। सः निजविषये (v)
..........अस्ति। सः अतीव (vi).......... अस्ति । सः सदैव (vii)......... वदति। प्रार्थयामि यत्
(viii) .... तस्य आयुः दीर्घं कुर्यात् । सर्वेभ्यः नमः ।(ix).........

तव (x).........
दीपक
मञ्जूषा
(सपन्यवादम्, कुशलः, नमस्कारम्, लिखामि, परमात्मा, कक्षाध्यापकः, गणितम्, विनम्रः, मित्रम्, प्रियम्)