

DAV PUBLIC SCHOOL, MCL, IB VALLEY AREA, BRAJRAJNAGAR.
Holiday Assignment (CLASS 7th)

Sl.	Subject	Assignment (CLASS 7 th)
1.	SCIENCE	<p>1.Name the tubes through which water and minerals are transported to other parts of the plant</p> <p>2.Name the nutrition seen in amoeba and humans</p> <p>3.Materials through which heat cannot pass are called</p> <p>4.Name the device used to measure the temperature of an object</p> <p>5.Name the method of heat transfer in solids</p> <p>6.Name an organism that fixes Nitrogen in the soil</p> <p>7.Name the process of obtaining and utilizing food</p> <p>8.Name the byproduct of photosynthesis</p> <p>9.Air is a _____ conductor of heat</p> <p>10. The food factory of the plant</p> <p><u>2.SHORT ANSWER QUESTION</u></p> <p>Compose a few lines on the utility of plants</p> <p>2.Why is important to increase the forest cover</p> <p>3.Why is nutrition important for a living organisms</p> <p>4.How do green plants synthesized their food</p> <p>5.State the role of vessels present in a plant</p> <p>6.Define symbiotic relationship ,Nutrients</p> <p>7. In which direction does the transfer of heat normally takes place</p> <p>8.State two types of physical change that may take place when a substance is heated</p> <p>9.Why the bottoms of cooking utensils are often kept black</p> <p>10. Why a new quilt is warmer than an old one?</p> <p><u>3.LONG QUESTIONS</u></p> <p>Why would life not be possible on the earth in the absence of photosynthesis</p> <p>2.Descibe the various ways in which heat energy Can enter/ escape from our houses.</p> <p>3.Take a cup of hot water/tea .Measure its temperature accurately with a thermometer. What will happen to the hot water/tea if it is left in a room for say one hour.Measure the temperature at fixed intervals of 5 min and record your observations.</p> <p>4.Name 5 good conductors and 5 insulators</p> <p>5.Boil some water in a vessel.Cover it with a plate Remove the plate after sometime. We will see droplets of water on the surface of plate.Try to find out why and how these water droplets are formed.</p>

2. MATH

No.1 to 10 are of MCQ type questions.

No. 11 to 20 are short answer type questions.

No.21 to 25 are long answer type questions.

1. Which of the following is not a rational number ?

- a) $\frac{5}{0}$ b) $\frac{-2}{4}$ c) $\frac{1}{2}$ d) -5

2. Which is the equivalent fraction of $\frac{2}{3}$?

- a) $\frac{12}{20}$ b) $\frac{6}{9}$ c) $\frac{16}{20}$ d) None of these.

3. The absolute value of $\frac{3}{2}$ is

- a) $\frac{3}{-2}$ b) $\frac{-3}{2}$ c) $\frac{3}{2}$ d) -3

4. Find x If $\frac{8}{7} = \frac{x}{-35}$

- a) 40 b) -50 c) -35 d) -40

5. Write the standard form of $\frac{-25}{65}$

- a) $\frac{-5}{13}$ b) $\frac{5}{13}$ c) $\frac{-5}{23}$ d) none of these

6. Which of the following integer is neither positive nor negative ?

- a) 0 b) 100 c) 10 d) 1

7. Between two consecutive integers how many rational numbers are found ?

- a) infinitely many b) two c) infinitely many d) three

8. A rational number $\frac{a}{b}$ is greater than $\frac{c}{d}$ if

- a) $ad > bc$ b) $ad < bc$ c) $ad = bc$ d) $ad \neq bc$

9. For two rational numbers x and y, $x + y = y + x$. This property is called

- a) commutative b) associative c) distributive d) none of these

10. The additive inverse of a negative number is _____

- a) positive b) 0 c) Negative d) none of these

11. Express $\frac{3}{5}$ as rational number with numerator -21.

12. Which one is greater? $\frac{-2}{5}$ or $\frac{-1}{3}$

13. Represent $\frac{-2}{5}$ on the number line.

14. Find three equivalent rational numbers of $\frac{2}{5}$.

15. Find x such that the two rational numbers, $\frac{8}{7}$ and $\frac{x}{-35}$ become equivalent.

16. Find a rational number between 3 and 4.

17. Express the rational numbers with same denominators: $\frac{4}{9}$, $\frac{-5}{6}$,

18. Express $\frac{-5}{18}$ as a rational number with denominator -54

19. The sum of two rational numbers is $\frac{-1}{2}$. If one of the numbers is $\frac{5}{6}$, find the other.

20. Simplify: $\frac{-13}{4} + \frac{-3}{8}$

21. Arrange the following in ascending order: $\frac{-7}{10}$, $\frac{8}{-15}$, $-\frac{19}{30}$, $\frac{-2}{-5}$

22. Find the average of the rational numbers $\frac{4}{5}$, $\frac{2}{3}$, $\frac{5}{6}$

23. Verify $(X+Y)+Z = X+(Y+Z)$ for $X = \frac{2}{5}$, $Y = \frac{3}{5}$ and $Z = \frac{1}{3}$.

		<p>24. (i) Compare the rational numbers: $\frac{-4}{-9}$ and $\frac{5}{-6}$</p> <p>(ii) Write down the rational numbers in the form $\frac{p}{q}$ whose numerators and denominators are $(-5) \times 4$ and $(-5) + 4$ respectively.</p> <p>25. Verify $(X+Y) = (Y+X)$ for $X = \frac{2}{5}, Y = \frac{3}{4}$</p>
3.	SST	<p>A. MCQ</p> <p>1. In which year was the Wild Life Protection Act passed in India ?</p> <p>(a) 1971 (b) 1972 (c) 1973 (d) 1974</p> <p>2. Which one of the following is included in biological environment?</p> <p>(a) Birds (b) Land (c) Water (d) Minerals</p> <p>3. The literal meaning of Lithosphere is the ____</p> <p>(a) Sphere of Air (b) Sphere of rock (c) Sphere of life (d) Sphere of water</p> <p>4. Tahqiq-i-Hind was written by</p> <p>(a) Abul Fazl (b) Bernier (c) Marco Polo (d) Al- Biruni</p> <p>5. The National Archives of India is located in ____</p> <p>(a) New Delhi (b) Mumbai (c) Kolkata (d) Chennai</p> <p>6. Puranas are</p> <p>(a) Archaeological sources (b) Non religious sources (c) Historical documents (d) Religious works</p> <p>7. Ain- i- Akbari was written in</p> <p>a) Arabic (b) Persian (c) Urdu (d) Hindi</p> <p>8. India has ____ party system</p> <p>(a) Single party (b) Bi party (c) Multi party (d) None of these</p> <p>9. Who is called the architect of Indian constitution?</p>

		<p>(a) Mahatma Gandhi (b) B R Ambedkar (c) Jawaharlal Nehru (d) C Raj Gopal Chari</p> <p>10. The ___ is an introduction to our constitution. (a) Articles (b) Equality (c) Preamble (d) Fundamental rights</p> <p>B. SHORT QUESTIONS</p> <ol style="list-style-type: none"> 1. Define the term environment 2. Mention two literary sources of information of the medieval period 3. Define the term biodiversity 4. What are manuscripts? 5. What is meant by secularism 4. Mention two disadvantages that weaken the Indian society. 5. Mention two components of physical environment 6. Mention two components of biological environment. 7. What is Universal Adult Franchise? 8. Name three foreign visitors who wrote travel accounts of medieval period of India. 9. Define the term atmosphere. 10. Mention the main function of opposition party. <p>C. LONG QUESTIONS</p> <ol style="list-style-type: none"> 1. Differentiate between physical and biological environment 2. list the well known literary sources of information of the medieval period. 3. Mention the main provisions of write to equality. 4. Enlist the steps taken by the Indian government for the benefit of the weaker sections of society. 5. Prepare a coloured diagram showing different spheres of environment.
4.	ENGLISH	<p>CHOOSE THE CORRECT OPTION:</p> <ol style="list-style-type: none"> 1. What convinced the grandmother to keep Tutu as a pet? (a) because tutu was cute (b) because tutu was an orphan (c) because tutu was a little girl monkey (d) because she wanted to have a pet 2. What did Tutu do with the necklace? (a) Tutu kept the necklace with himself. (b) Tutu gifted the necklace to someone. (c) Tutu threw the necklace into a watercourse. (d) Tutu gave it back to the shopkeeper. 3. Ruskin, at the age of 8-9, encouraged grandfather's weakness for keeping _____ pets. a. usual. b. unusual c. terrible. d. common 4. Who did not join the chase to catch Tutu? a. Children on their way to school b. Bystanders c. Grandfather d. The Jeweller 5. Ruskin's grandfather buys Tutu from a street juggler for a sum of _____ rupees. a. ten b. thirty c. fifty. d. four

		<p>6. The narrator and Tutu followed Aunt Ruby and Rocky at a discreet distance to the_____.</p> <p>a. toy shop. b. fruit school c. garment shop. d . jewellery shop</p> <p>7. What did the child offer birdie to feel cozy?</p> <p>a. Silken quilt. b.Bedsheets c. Fireplace. d.Sweater</p> <p>8. The Birdie prefers to sleep in her_____ .</p> <p>a.wall b.tree c.Ivy wall d. bed</p> <p>9. Birdie values her _____ more than the luxurious life promised by the child.</p> <p>a.Family b.Freedom c.Home d.Opinion</p> <p>10 Birdie prefers her _____ necklace to the one offered by the child.</p> <p>a. Old b. Simple c. diamond d. Feather</p> <p>Answer the following questions:</p> <p>11. How was Grandmother convinced to keep Tutu as a pet?</p> <p>12Who used to encourage Grandfather?</p> <p>13. What was the age of the narrator when he used to encourage Grandfather?</p> <p>14. What were the pets did Grandfather have in his house?.</p> <p>15 Why do you think some guests were not seen several days after the wedding?</p> <p>16. How does the bird hear the rain falling?</p> <p>17) And I sing, and wing away, away! What does the bird do hear?</p> <p>18) Why does the child lure the bird with jet, amber, diamond and necklace?</p> <p>19. Why did the narrator follow Aunt Ruby and Rocky secretly to the jeweller's shop. What reason did Tutu have for following them?</p> <p>20. What did Tutu do with the necklace? How was it restored to the shopkeeper?</p> <p>21. If asked to choose between money and freedom, what would you choose and why?</p> <p>22. Can you think of a few things that come with freedom and cannot be bought with money? Discuss with your partner and prepare a list.</p> <p>23. The narrator decided to secretly follow Aunt Ruby and her fiancée Rocky to the market. Is he justified in doing that?</p> <p>24. Tutu took a pearl necklace from a jeweller's shop and created a huge mess in the market before finally throwing it into a canal. The jeweller felt quite tense about the whole episode. Write the jeweller's diary entry describing how he felt at Tutu's mischief.</p> <p>25. write a paragraph on 'True friends'.</p>
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5.	HINDI	<p>1. बारहमासा में क्या वर्णन किया जाता है?</p> <p>क) केवल ऋतुओं का वर्णन</p> <p>ख) प्रत्येक महीने की विशेषताओं और ऋतुओं का वर्णन</p> <p>ग) केवल त्योहारों का वर्णन</p> <p>ग) केवल मौसम का वर्णन</p> <p>2. बारहमासा का उद्देश्य क्या है?</p> <p>क) वर्ष के 12 महीनों की विशेषताओं का वर्णन करना</p> <p>ख) केवल एक ऋतु का वर्णन करना</p> <p>ग) त्योहारों का वर्णन करना</p> <p>घ) मौसम का वर्णन करना</p> <p>3. कौन-से महीने में बच्चों की किलकारी से घर आँगन गूँजने लगता है?</p> <p>क) बैसाख</p> <p>ख) चैत</p> <p>ग) आषाढ़</p> <p>घ) कार्तिक</p> <p>4. रंगों के कारण जीवन कैसा लगता है?</p> <p>क) अच्छा</p> <p>ख) अनोखा</p> <p>ग) त्योहार</p> <p>ड) प्यारा</p> <p>5. क्या खेलना मोहल्ले की इज्जत का सवाल था?</p> <p>(क) नाटक खेलना</p> <p>(ख) क्रिकेट खेलना</p> <p>(ग) फुटबॉल खेलना</p> <p>(घ) हॉकी खेलना</p> <p>6. किसके अनुसार नाटक बिना पूरी तैयारी के नहीं खेलना चाहिए?</p> <p>(क) मोहन</p> <p>(ख) सोहन</p> <p>(ग) राकेश</p> <p>(घ) श्याम</p> <p>7. नाटक की तैयारी के लिए कितना समय मिला था?</p> <p>(क) आठ दिन</p> <p>(ख) सप्ताह (सात दिन)</p> <p>(ग) पांच दिन</p> <p>(घ) दो दिन</p> <p>8. श्याम के चुप होने का क्या परिणाम हुआ?</p> <p>(क) चित्रकार महोदय ने अपनी तरफ से बात बनाकर संभाल ली</p> <p>(ख) चित्रकार और शायर महोदय भी चुप हो गए</p> <p>(ग) शायद ने बात संभाल ली</p> <p>(घ) राकेश ने आकर बात संभाली</p>
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6.	ODIA	<p>୧ । ‘କଳାମାଣିକ ରେ’ କବିତାଟି କେଉଁ ବହି ରୁ ଅଣାଯାଇଛି ?</p> <p>(କ) ବିଦଗ୍ଧ ଚିନ୍ତାମଣି (ଖ) ଡପ୍ପିନୀ (ଗ) ପ୍ରଣୟବଲ୍ଲରୀ (ଘ) ପ୍ରେମକଳା</p> <p>୨ । ‘କଳାମାଣିକରେ’ କବିତାଟି କାହାର ରଚନା ?</p> <p>(କ) ଉପେନ୍ଦ୍ର ଭଞ୍ଜ (ଖ) ଦୀନକୃଷ୍ଣ ଦାସ (ଗ) ଅଭିମନ୍ୟୁ ସାମନ୍ତସିଂହାର (ଘ) ଗଙ୍ଗାଧର ମେହେର</p> <p>୩ । ‘କଳାମାଣି କରେ’ କବିତା ‘ବିଦଗ୍ଧ ଚିନ୍ତାମଣି’ କାବ୍ୟର କେଉଁ ଛାନ୍ଦରୁ ଅଣାଯାଇଛି ?</p> <p>(କ) ଚତୁର୍ଦ୍ଦଶ ଛାନ୍ଦ (ଖ) ଷଷ୍ଠ ଛାନ୍ଦ (ଗ) ଚଉଷଠି ଛାନ୍ଦ (ଘ) ସତଷଠି ଛାନ୍ଦ</p> <p>୪-“ଧୀରେ ଘେନ କାନନରେ କୃଷ୍ଣ ବିଳସିତ – ଏଠାରେ ଏହି କବିତାଂଶରେ ‘ଧୀରେ’ କାହାକୁ ସମ୍ବୋଧନ କରାଯାଇଛି ?</p> <p>(କ) ଯଶୋଦାଙ୍କୁ (ଖ) ଗୋପୀମାନଙ୍କୁ (ଗ) କବିତାଟି ଯେଉଁମାନେ ଶୁଣିବେ (ଘ) ପଣ୍ଡିତମାନଙ୍କୁ</p> <p>୫-‘କଳାମାଣିକ’ କାହାକୁ କୁହାଯାଇଛି ?</p> <p>(କ) ଏକ ମୂଲ୍ୟବାନ୍ ଧାତୁ (ଖ) ଧନସମ୍ପତ୍ତି (ଗ) ଶ୍ରୀକୃଷ୍ଣ (ଘ) ପଦ୍ମରାଗ ମଣି</p> <p>୬ । ଦଶରଥଙ୍କ ପ୍ରାଣତ୍ୟାଗର କାରଣ କ’ଣ ?</p> <p>(କ) ଭରତଙ୍କ ଅଭିଷେକ ବାଞ୍ଛା ପ୍ରଚାରିତ ହେବାରୁ (ଖ) ରାମଚନ୍ଦ୍ରଙ୍କର ବନବାସ ବାଞ୍ଛା ଶୁଣି (ଗ) ମଛରା କୈକେୟୀଙ୍କ ସହ ମନ୍ତ୍ରଣା କରିବାରୁ (ଘ) କୈକେୟୀଙ୍କ ଧମକ ଯୋଗୁଁ</p> <p>୭ । ସୀତା କେଉଁ ରାଜ୍ୟର ରାଜକୁମାରୀ ଥିଲେ ?</p> <p>(କ) ମିଥୁଳା (ଖ) କିଷ୍କିନ୍ଧ୍ୟା (ଗ) ଅଯୋଧ୍ୟା (ଘ) କୋଶଳ</p> <p>୮ । ଭରତ ରାମଚନ୍ଦ୍ରଙ୍କ ବନବାସ ସମ୍ବାଦ କେଉଁଠାରେ ପାଇଲେ ?</p> <p>(କ) କିଷ୍କିନ୍ଧ୍ୟାରେ (ଖ) ମାତୁଳାଳୟରେ (ଗ) ମିଥୁଳାରେ (ଘ) ଚିତ୍ରକୂଟ ପର୍ବତରେ</p> <p>୯ । ଭରତ ରାମଚନ୍ଦ୍ରଙ୍କୁ କେଉଁଠାରେ ଭେଟିଥିଲେ ?</p> <p>(କ) ଘନଅରଣ୍ୟରେ (ଖ) ଲଙ୍କାରେ (ଗ) ସରଯୁ ନଦୀକୂଳରେ (ଘ) ଚିତ୍ରକୂଟ ପର୍ବତରେ</p> <p>୧୦ । ମଛରା କିଏ ?</p>
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		<p>(କ) କୈକେୟୀଙ୍କ ଭଉଣୀ (ଖ) ସୁମିତ୍ରାଙ୍କ ଭଉଣୀ (ଗ) ଜଣେ ଦୁଷ୍ଟା ଦାସୀ (ଘ) ଦଶରଥଙ୍କ ମା'</p> <p>୨- ୧। ଶ୍ରୀକୃଷ୍ଣ କେଉଁ ଖାଦ୍ୟକୁ ଭଲ ପାଉଥିଲେ ? ୨। ମାଆ ଯଶୋଦାଙ୍କୁ କ'ଣ ନ ଶୁଣିପାରିଥିବାରୁ ସେ ଅତ୍ୟଧିକ ବ୍ୟସ୍ତ ହୋଇପଡ଼ିଛନ୍ତି ? ୩। ଶ୍ରୀକୃଷ୍ଣଙ୍କ ପାଦରେ କଷ୍ଟ ହେଉଥିବ ବୋଲି ଯଶୋଦା କାହିଁକି ଭାବୁଥିଲେ ? ୪। ଶ୍ରୀକୃଷ୍ଣଙ୍କ ଦେହରୁ ଝାଳ ବୋହୁଥିବ ବୋଲି କାହିଁକି ମାଆ ଯଶୋଦା ଭାବୁଥିଲେ ? ୫। ନିଶାଚରମାନେ କେଉଁଠି ମାଡ଼ିଥିବାର ଯଶୋଦା ଶୁଣିଥିଲେ ? ୬। ରାମାୟଣ କଥାର ଲେଖକ କିଏ ? ୭। ଦଶରଥ କେଉଁ ରାଜ୍ୟର ରାଜା ଥିଲେ ? ୮। ଦଶରଥଙ୍କର କେତେଜଣ ରାଣୀ ଥିଲେ ଓ ସେମାନଙ୍କର ନାମ କ'ଣ ? ୯-କିଏ ପ୍ରଭୁ ଶ୍ରୀରାମଙ୍କୁ ମାତା ସୀତାଙ୍କର ଖବର ଆଣି ଦେଇଥିଲେ ? ୧୦। ଦଶରଥ କାହିଁକି ପ୍ରାଣତ୍ୟାଗ କଲେ ? ୩- ସରଳ ଭାଷାରେ ବୁଝାଇ ଲେଖ। (କ) ତୋଳି ମୁଁ ଧଇଲେ..... ପଶିବଇଁ ମୁହିଁ। (ଖ) ନେଲୁ ନାହିଁ କାହିଁ ପାଇଁ..... ମୃଦୁ ପାଦ ଚିତ୍ତ। (ଗ) ରାଜ୍ୟର ସମସ୍ତଲୋକ ଏହି ସମ୍ବାଦରେ ହାହାକାର କରିବାକୁ ଲାଗିଲେ ଏବଂ ଘରେ ଘରେ କ୍ରନ୍ଦନର ରୋଳ ଉଠିଲା। (ଘ) ତାହାଙ୍କର ଏହି ପ୍ରକାର ସ୍ୱାର୍ଥତ୍ୟାଗ ଓ ବୈରାଗ୍ୟ ଦେଖି ସମସ୍ତେ ବିସ୍ମୟାଦିତ ହୋଇ ଧନ୍ୟଧନ୍ୟ କହିବାକୁ ଲାଗିଲେ। (ଙ) ସତୀ ସୀତାଙ୍କର ନୟନବାରି କାଳାନଳ ପ୍ରାୟ ଲଙ୍କାପୁରୀକୁ ଭସ୍ମ କରିଦେଲା ।</p>
7.	SANSKRIT	<p>1. प्रथम, द्वितीय पाठ्योः लेखनम् । 2. बालक, लता, फल, मुनि, अस्मद, युष्मद, तत्, एतत्, किम् आदीनां शब्दानां रूप लेखनम् । 3. एकतः पञ्चविंशति. - संख्या पदानां लेखनम् । 4.) छात्रः कस्मिन् अकुशलः आसीत् ? (ii) बालकस्य उपहासं के कुर्वन्ति स्म ? (iii) बालकः परीक्षायां कीदृशं स्थानं प्राप्तवान् ? (iv) बालकः मार्गे किम् अपश्यत् ? (v) घटस्य अधः किम् आसीत् ? (vi) परमः गुरुः कः अस्ति? 6. अधोलिखितवाक्यानि कथाक्रमानुसारेण लिखन्तु- (i) एकदा सः मार्गे कूपस्य समीपे एकं गर्तम् अपश्यत्। (ii) सः यत् पठति तत् विस्मरति स्म। (iii) एवमेव पुनः पुनः पठनेन तस्य मतिः तीव्रा भवति। (iv) बङ्गप्रदेशे एकः पठने अकुशलः छात्रः आसीत्। (v) गर्तः प्रतिदिनं घटस्थापनेन निर्मितः अभवत्।</p>