

D A V Public School

Sector-VI, Dwarka

Session 2016-17

CLASS – VI



ENGLISH

Revision Assignment

Q.1. Read the passage given below carefully :-

Although more than three quarters of it is moisture , the guava contains protein , traces of fat , carbohydrates , calcium , phosphorus , iron and lots and lots of vitamin C.

Barring the Indian Gooseberry (amla) , no other fruit or vegetable contains such a high amount of vitamin C , as does Guava yields as much as 300 mg of Vitamin C. There is more vitamin C in guava than in an orange or lemon. And the more over – ripe the guava , the more vitamin C it contains . The rind of the guava and the kernel nearest to the rind contains the maximum amount of vitamin C.

Gauva contains roughage , an excellent natural remedy for constipation . It purifies the blood and checks the excess flow of bile . It is also an excellent appetizer. It destroys intestinal worms and helps in dislodging the dried cough from the chest.

1.1 On the basis of your reading , answer the following questions –

- (a) Which other fruit or vegetable contains Vitamin C besides Gauva?
- (b) What part of guava is very much beneficial for constipation?
- (c) Find the synonym of 'Leaving Aside' (Para 2)

1.2. On the basis of your reading , Complete the following statements-

- (a) Gauva is beneficial for bones also because _____
- (b) If one wants to get maximum vitamin C from guava , _____
- (c) If one suffers from lack of appetite , one should eat guava because _____
- (d) Gauva acts as a medicine for _____ and _____ besides being an excellent appetizer.

Q.2. Re-arrange the following words or phrases into meaningful sentences –

- (a) place to place / because I / I travel / move from / like to
- (b) me / the sense / it gives / of freedom / enjoy / I
- (c) and / it pleases / of responsibilities / me / be / to / duties / rid
- (d) odd people / I / moment / who / amuse me / meet / for a

Q.3. The following paragraph has not been edited. There is one mistake in each line. Underline each error and write your correction in the space provided. The first has been done as an example.

	Incorrect	Correct
Rama lived in <u>a</u> village of Tenali. He loved	a	the
to play pranks and was always jokes. He	_____	_____
refused to study and didn't took anything	_____	_____
seriously . His mother didn't knew what to do	_____	_____
with him. She feel he never would be unable	_____	_____
to made something of himself. One day she	_____	_____
take him to see a Guru. She told the Guru	_____	_____
that he had enough of her son. She asked	_____	_____
him to get some sense into Rama.	_____	_____

Q.4. In the following passage , one word has been omitted from each line. Mark the place where you think a word has been omitted with a '/'. Write the omitted word in the space provided . The first has been done as an example.

	Before	Missing Word	After
After the holy man had spoken/ Rama	Spoken	<u>to</u>	Rama
he told Rama's mother that should	a) _____	_____	_____
be sent to pray the Kali Temple at the	b) _____	_____	_____
village. He promised good lady that if	c) _____	_____	_____
this was done, Kali, the goddess appear,	d) _____	_____	_____
take pity on him and bless. Then all her	e) _____	_____	_____
worries would over.			

Q.5. Fill in the blanks with suitable prepositions :-

- (a) I agree _____ you.
 (b) I have been doing this work _____ the last four hours.
 (c) I live _____ Rani Bagh _____ Delhi.
 (d) I went to school _____ 7:30 a.m.
 (e) I finished my paper _____ time.

HINDI

प्र1. कविता 'यात्रा और यात्री' में कोई तीन संज्ञा शब्द , क्रिया और अनुनासिक शब्द ढूँढकर लिखिए ।

संज्ञा	क्रिया	अनुनासिक शब्द
_____	_____	_____
_____	_____	_____
_____	_____	_____

प्र २. निम्नलिखित शब्दों को दिए गए स्थान पर लिखिए ।

- क्योंकि - _____
 उज्ज्वल - _____
 श्रम - _____
 प्रोत्साहित - _____
 पैरालंपिक - _____
 योग्यताएँ - _____
 अंतर्राष्ट्रीय - _____
 कृतज्ञता - _____

प्र3. भारत में मनाये जाने वाले और विदेश में मनाये जाने वाले कोई तीन - तीन त्योहार लिखिए।

प्र4. निम्नलिखित शब्दों में अनुस्वार या अनुनासिक लगाकर नया शब्द बनाइए ।

- (i) रोमांच _____
(ii) नगर _____
(iii) ऊँचा _____
(iv) भाग्य _____
(v) मूल्य _____
(vi) मित्र _____
(vii) हैरान _____
(viii) प्रताप _____
(ix) बर्फ _____
(x) देखा _____

MATHEMATICS

1) Write the following using numbers, literals and signs of basic operation.

- a) The diameter of a circle is twice its radius.
b) The perimeter of a square is four times its side.
c) Number y less than a number 7
d) Quotient of x by 3 is multiplied by y .

2) Write the following in product form:

- a) $-4a^5$ b) x^7 c) $9ab^3$ d) $13x^3y^2z^4$

3) Find the coefficient of

- a) y in $-4z^5x^2y$ b) m in $-m$ c) n^4 in $-2zxn^4$

4) Separate the like terms

- a) $4z^2x$, $-5xy$, x^2y^2 , $12xy$, $3z^2x$, $-12x^2y^2$ b) $12pqr$, $-3xy^2$, $5xy$, $-5pqr$, $8xy$, $8x^2y$

5) Add the following

- a) $-7z^3 + 2z^2 - 3z - 7$, $-5z^3 - 2z^2 + 12$
b) $6xy - 7x + 5y - 6$, $2x + 9xy - 7$, $-5xy + 8x - 15y + 2$

6) Subtract

a) $10x^3 - 3z - 5$ from $-18x^3 + 10z - 7$

b) $6zy^2 + 12zx - 7$ from $8zy^2 + 5zx - 19$

7) From the sum of $4z^2x - 10xy + 12$ and $-12z^2x + 6xy$ subtract $8z^2x + 5xy - 10$.

8) If $m = 6$, $n = -2$, $x = -3$ then find the value of


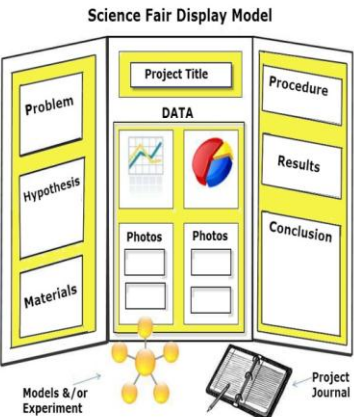
a) $2m + 3n^3 - 4x$

b) $m^2 - 5n + x$

9) The score of Ishita in Mathematics is 25 more than the two third of her score in Science. If she scored x marks in Science, determine her score in Mathematics.

10) Ravi starts from Delhi at 8 AM to Jaipur. If his car is running at the speed of x Km/hr at 1 PM he observes that he is 20 Km away from Jaipur. Find the distance between Delhi and Jaipur.

SCIENCE

	<p>WHEN I AM A TINKERER OF SCIENCE!</p> <p>Who is a tinkerer? Tinkerer is a person who is not skilled professionally but does experiment with simple things around himself to make life more unique around himself/herself. He/ she is a constant thinker who lives to fiddle with old disposed machine parts, vegetable peels, egg shells apparatus or chemicals to make something unique, original and worthy.</p> <p>Design your own experiment and feel like a scientist.</p>
<p>Work Specification</p> 	<ol style="list-style-type: none">1. It is a solo project.2. Choose your own experiment related to daily life phenomenon taking place in life.3. The project would be showcased post winter break during science class where it would be judged on the following criteria: -<ul style="list-style-type: none">● Source of inspiration(if any scientist/ theory/ experiment done by commoner)● Usefulness to society● Explanation during presentation● No risk Factor● Presentation skills during exhibition.4. Following titles and information to be given in the folded board layout - Experiment/Project /daily life observation title, Material, Procedure, Photos, Result, Conclusion

Note: Revise the chapters done in the class. Solve the attached assignment in Science Notebook.

Assignment

Lesson- Structure and Functions of Living Organisms – Animals

Q1. A substance 'x' flows from heart into arteries and then into capillaries. It is brought back to the heart by veins. Name the substance 'x'.

Q2. What is the special name of the fertilized egg?

Q3. Define the process of respiration.

Q4. Name the reproductive organs of male and female human.

Q5. How does our tongue help in digestion?

Q6. Name the various blood groups in human body?

Q7. Which pigment gives red colour to blood?

Q8. Name the two main glands associated with alimentary canal.

Q9. Differentiate between arteries and veins?

Q10. Give the main function of the spinal cord.

Q11. Why it is not advisable to breathe through mouth?

Q12. Name the various sense organs present in our body and write there functions.

Q13. Write true or false for the following statements.

(a) Bones are joined together by elastic strands called tendons.

(b) Pharynx is also called the 'voice box'.

(c) Blood transports oxygen, food materials and hormones to all parts of the body.

Q14. Tick the correct option.

(a) Bile is secreted by the _____

(i) Salivary glands (ii) pancreas (iii) liver (iv) kidneys

(b) The food, is taken in by the humans, stays for about 2 to 3 hours, in the _____

(i) stomach (ii) small intestine (iii) food pipe (iv) large intestine

2) What causes day and night and changes in seasons?

3) How much time is taken by the earth to complete one revolution?

4) When are days longer and nights are shorter in Southern Hemisphere?

Q3. Mention the type of season experienced in hemisphere against each date.

Date	Northern Hemisphere	Southern Hemisphere
21 June		
22 December		
21 March		
23 September		

**संस्कृत
प्रदत्तकार्यम्**

1. उचितशब्दरूपैः रिक्तस्थानानि पूरयत-
- (क) राम – सम्बोधन - बहुवचनम्
- (ख) लता – पञ्चमी – एकवचनम्
- (ग) फल - द्वितीया – द्विवचनम्
- (घ) तत् (स्त्री.)- चतुर्थी – द्विवचनम्
- (ङ) तत् (नपु.) – तृतीया- बहुवचनम्
- (च) एतत् (पु.) – प्रथमा- बहुवचनम्

2. उचितधातुरूपैः रिक्तस्थानानि पूरयत-

एकवचनम्	द्विवचनम्	बहुवचनम्
(क) हसति	हसतः
(ख) चलिष्यसि	चलिष्यथ
(ग)	खादावः	खादामः
(घ) वदिष्यामि	वदिष्यावः
(ङ) वसति	वसन्ति
(च)	धाविष्यथः	धाविष्यथ

3. कर्ता-क्रिया-सम्बन्ध -

	एकवचन	द्विवचन	बहुवचन
प्र. पु	सः/सा पठति	तौ/ते	ते/ताः पठन्ति
म. पु. युष्मद् (तुम)	त्वम्	युवाम् पठथः	यूयम् पठथ
उ.पु. अस्मद् (मैं)	अहम् पठामि	आवाम् पठावः	वयम्

4. अव्ययपदानि चित्वा रिक्तस्थानानि पूरयत-

मञ्जूषा-

च ,अधुना ,समीपे ,शनैः-शनैः, श्वः, कुत्र, ह्यः, सर्वत्र

- (क) विद्यालयस्य उद्यानम् अस्ति ।
 (ख) कच्छपः चलति ।
 (ग) वयं विद्यालये पठामः लिखामः ।
 (घ) अहम् क्रीडामि ।
 (ङ) सः मातरं पृच्छति - पिता अस्ति ?
 (च) परीक्षा भविष्यति ।
 (छ) ईश्वरः अस्ति ।
 (ज) अहं चलचित्रं अपश्यम् ।

5. संस्कृते संख्यां लिखन्तु-

- (क) 36 = (ख) 49 =
(ग) 55 = (घ) 69 =

6. सन्धिं कुरुत-

- (क) देव + आलय =।
(ख) + = प्राणायामः
(ग) मति + इन्द्र =
(घ) + = परीक्षा
(ङ) रमा + = रमेशः ।
(च) सूर्य + उदयः =।

1. स्फोरकपत्रे (A-3 size chart- paper) मानवशरीरस्य चित्रं लेपयित्वा / निर्माय तेषाम् अङ्गानां नामानि लिखन्तु ।

MULTIDISCIPLINARY PROJECT
Topic-Alternative sources of Energy

Learning Objectives- Students will be able to collaborate & integrate different concepts and so will be able to identify the interrelation of different subjects.

Subject	Description	Specific Guidelines
English	Make a poster with a catchy slogan highlighting the importance of use of 'Alternative Sources of Energy' to supplement India's energy requirement.	To be done on A3 sized sheet. Students can do a detailed research on the growing use of the newly developed renewable sources of energy in India like Geothermal Energy, Tidal Energy , Solar Energy , Wind Energy.
Mathematics	<ol style="list-style-type: none"> 1) Draw the flow chart for different types of energy. 2) Write the percentage of different types of energy used in the world. 3) Draw a bar graph of the percentage of different types of energy used in the world. 	<ol style="list-style-type: none"> 1) To be done on A4 sized sheet. 2) Draw the bar graph on the graph paper.
Science	<p>Make a Power point Presentation on Conservation of Energy</p> <p>Sub Topics:-</p> <ol style="list-style-type: none"> a. Tips of saving electricity b. Conservation in day to day life c. Solar energy d. Wind energy e. Tidal energy f. Energy for cooking in the kitchen h. Alternative energy resources for future 	<ol style="list-style-type: none"> I. The presentation is to be submitted in a CD. II. Number of slides to be made 8-10 III. Write the Class ,Name and Roll no. of all the group members on the CD.
Social Science	<ol style="list-style-type: none"> 1. List the Non- Conventional sources of energy. 2. Mention the benefits of non-conventional sources of energy over the conventional energy. 3. On a political map of India mark the states which have potential to harness the tidal, solar and wind energy. 	Use an A4 size coloured pastel sheet for question 1 and 2.

Hindi	प्र.ऊर्जा के किन्हीं दो वैकल्पिक स्रोतों के बारे में लिखिए और चित्र चिपकाइए।	कार्य करने के लिए A4 आकार की शीट का प्रयोग कीजिए।
Computer science	Prepare a worksheet on consumption and pollution level caused by different sources of energy . Analyze the data using different charts discussed in the classroom .	Submit the printout of worksheet and charts on an A4 size sheet .

Note:

- Each group will consist of 7students. The leader of each group will take the responsibility of planning, coordination and execution of the project
- Each member of the group has to perform the assigned tasks of one subject of the project.
- Internet, books, magazines and newspapers can be referred to, for information.
- After compilation, the projects of all subjects should be punched in a folder or a file consisting/containing A-4 ruled sheets. The first sheet of the folder should have the name, class and roll nos. of the students of the group.
- The project will be hand written and credit will be awarded to original drawings, illustrations and creative use of material.
- The multidisciplinary project which will be assessed for Formative Assessment – 4 must be submitted latest by 16th January 2017to the class teachers.