

D.A.V Public School, Bhagalpur

Class-X

Summer Vacation Holiday Home Work (2017-18)

Subject	Contents																		
English	<p>D6. The journalist has used some lovely words and expressions in the above 'story'. Match the words or groups of words with the meanings given.</p> <table border="1" style="width: 100%;"><thead><tr><th style="text-align: center;">A</th><th style="text-align: center;">B</th></tr></thead><tbody><tr><td style="text-align: center;">1. swanky</td><td>(a) a return to the original situation from where one started</td></tr><tr><td style="text-align: center;">2. candour</td><td>(b) highly unbelievable</td></tr><tr><td style="text-align: center;">3. A far cry from</td><td>(c) Very quickly or in large amounts</td></tr><tr><td style="text-align: center;">4. stranger than fiction</td><td>(d) frankness</td></tr><tr><td style="text-align: center;">5. back to square one</td><td>(e) very different</td></tr><tr><td style="text-align: center;">6. by leaps and bounds</td><td>(f) fashionable and expensive</td></tr><tr><td style="text-align: center;">7. inherent</td><td>(g) a great performer</td></tr><tr><td style="text-align: center;">8. maestro</td><td>(h) pertaining to a natural quality that can't be removed</td></tr></tbody></table> <p>D7. Use the above words and expressions in meaningful sentences of your own. You may use more than a sentence to bring out the meaning clearly.</p> <p>D8. You must be fond of a sport or any hobby like painting or dancing or singing. Imagine that you have become a star in your field of interest. One day, you meet a poor boy with a lot of talent, but no resources to get himself the facilities to nurture his talent. As a successful person, who is very interested in nurturing his talent, you decide to become his mentor. How would you go about doing it? Write a diary entry on any given date ten years from now about the feelings that the young but poor talented person evoked in you and the plans you thought of to develop his potential. (MCB – Unit – Health and Medicine)</p> <p style="text-align: center;">Section – B (Workbook)</p> <p>B.6. As Susie, write a reply to Nikita's letter. Do take care to answer all the questions Nikita has asked you. What verb forms would you like to use? (Unit -2 Tenses)</p>	A	B	1. swanky	(a) a return to the original situation from where one started	2. candour	(b) highly unbelievable	3. A far cry from	(c) Very quickly or in large amounts	4. stranger than fiction	(d) frankness	5. back to square one	(e) very different	6. by leaps and bounds	(f) fashionable and expensive	7. inherent	(g) a great performer	8. maestro	(h) pertaining to a natural quality that can't be removed
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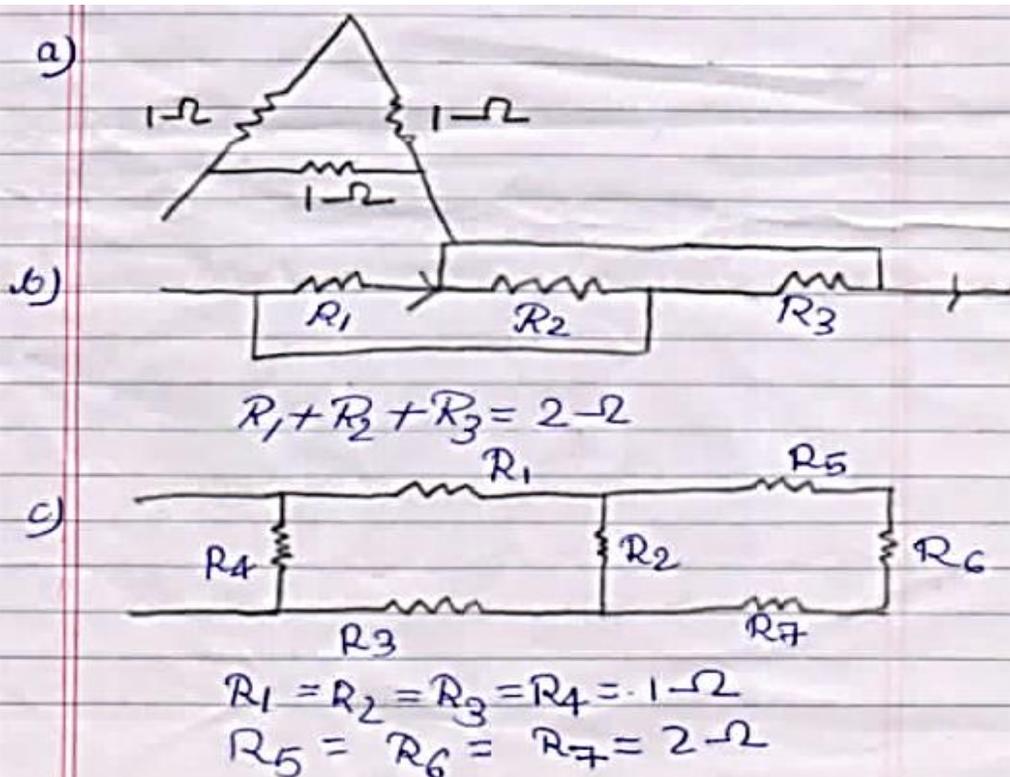
	<p style="text-align: center;">Section – C (Novel)</p> <p style="text-align: center;">Novel – The Story of My life by Helen Adams Keller</p> <p>Q. Read the first 10 chapters of the novel and write their summary in your own words.</p>
	<p>Project- You have read an account of the final stages of Amalias life. It had been a sage of struggle of courage. Read about her early life. The factor that inspired her to become an aviator in her life. There is a list of the inference books of website which will guide you in your endeavor in making a project.</p>
Maths	<p>Ex 1.1 Q1(iii), Q2,Q4 & Q5 Ex 1.2- Q5 & Q6 Ex 1.3- Q2 Ex 1.4- Q3 Ex 2.3- Q3 & Q5 Ex 2.4- Q3, Q4 & Q5 Ex 3.1- Q1 Ex 3.2- Q3(iii), Q4(iii), Q6, Q7 Ex 3.3- Q1(v), Q2 & Q3(ii) Ex 3.4-Q1(iv), Q2(iv),(v) Ex 3.5- Q2(i), Q4(ii),(iv),(v) Ex 3.6-Q1(ii), (ii), (iii), (viii) Ex 3.7-Q1, Q3, Q6,Q7(iv),(v) Ex 4.2- Q1(iii), Q5 Ex 4.3- Q1(iii), Q3(ii), Q5, Q8, Q9, Q10 Ex 4.4- Q1(ii), Q2(ii), Q4</p>
SST	<p>History-</p> <ol style="list-style-type: none"> 1. Write all the question and answer of “Nationalist movement in Indo-China”. 2. Write ten objectives type questions. 3. Learn all question & answer.
	<p>Political Science-</p> <ol style="list-style-type: none"> 1. Write all the question and answer of “Federalism”. 2. Learn question & answer of Ch-1,2
	<p>Economics-</p> <ol style="list-style-type: none"> 1. Write all the question and answer of “The sectors of Indian Economy”. 2. Write 10 objective type questions. 3. Learn all question & answer of Ch-1,2
	<p>Geography-</p> <ol style="list-style-type: none"> 1. What are resources? Explain classification of resources with examples. 2. Explain type and distribution of soil. 3. Explain advantages and disadvantages of multipurpose river valley projects.

Project- Prepare a contingency plan on actual survey-
 Include the following-
 (i) Topic (ii) Preface (iii) Acknowledgement
 (iv) Objectives (v) Mythology (vi) Introduction
 (vii) Ideas influenced by the project
 (viii) Content- (a) Data analysis (b) Diagram, chart, maps etc
 (ix) Conclusion

Science

Physics-

1. Define the following-
 - a. Electric potential
 - b. Electric current
 - c. Electric power
2. Prove mathematically $H=I^2RT$ where symbols have their usual meaning.
3. Show mathematically that equivalent resistance in parallel connection is less than each of resistance and in series connection is more than each of the resistance.
4. Find equivalent resistance for the following:



5. State and verify Ohm's law and plot a graph between V and I.
 Activity- What is an electromagnet? Make a model of an electromagnet and write the steps of making it.

	<p>Chemistry-</p> <ol style="list-style-type: none"> Define: <ol style="list-style-type: none"> Chemical reaction Balanced chemical reaction Single displacement reaction Rancidity Write the following word equations in a chemical equation and balance them: <ol style="list-style-type: none"> Zinc + Hydrochloric acid → Zinc Chloride + Hydrogen gas Iron + Copper Sulphate → Iron Sulphate + Copper Hydrogen + Oxygen → Water What is decomposition reaction? Explain with suitable chemical equation. Also explain in terms of activity. Explain why decomposition reaction is opposite of combination reaction.
	<p>Biology-</p> <ol style="list-style-type: none"> Draw the diagram of the following: <ol style="list-style-type: none"> Cross section of leaf Stomatal apparatus Nutrition in amoeba Human digestive system Respiratory system Write short note on “What is life?” <p>Project- Check 10 persons who know about their diet and find whether it is balanced or not? Also what is lacking to make it as a chart and submit in stick file.</p>
Computer	Use the link provided and submit the Home Assignment Online. https://goo.gl/forms/24ZEyNRWeRkmbhWA3
Hindi	<ol style="list-style-type: none"> रचना के आधार पर वाक्य के भेद लिखें तथा याद करें। वाच्य को सोदाहरण परिभाषित करें। निबंध लेखन: <ol style="list-style-type: none"> प्राकृतिक आपदाएँ कौन-कौन सी हैं। कारण, निवारण तथा आपदा प्रबंधन। पत्र लेखन: <ol style="list-style-type: none"> प्लास्टिक की चीजों से हो रही हानि के बारे में किसी समाचार पत्र के संपादक को पत्र लिखकर अपने सुझाव दें। कृतिका पाठ-1,2 के प्रश्नोत्तर करें। क्षितिज गद्य भाग पाठ.1,2 तथा पद्य पाठ.1,2 के प्रश्नोंत्तर याद करें।
Sanskrit	<ol style="list-style-type: none"> पाठ- 1 तः 4 पर्यन्तं श्लोकान्चयान्, प्रश्ननिर्माणानि रिक्तस्थानपूर्ति च अभ्यासं कृत्वा लिखत। स्वरसन्धेः (दीर्घ, गुण, वृद्धि, यण्, अयादि, पूर्वस्य,) भेदानां पंच-पंच उदाहरणानि वाक्येषु लिखत। अभ्यासपत्रान्तर्गतानां प्रदत्तानां वाक्यानां वाच्यपरिवर्तनम् कुरुत। मंजूषास्थितानां शब्दानां सहायतया पंच-पंच संस्कृत वाक्यानि रचयत।

(शीर्षकं दृष्ट्वा)

क. (विषयः –वृक्षसंरक्षणम्)

वृक्षाः, परोपकारकाः, वाटिकायां, वृक्षारोपणम्, प्रत्येकं छात्राः पादपान् सिंचेत्, जलेन, हानिः न कुर्यात्, आनयेत्, वर्धयेत्, संरक्षणम्। ख. (विषयः – मम प्रियः आचार्यः)

अध्यक्षः, परीक्षापरिणामः, मृदुभाषी, संस्कृतभाषायाः वक्ता, त्यागशीलः, विलम्बेन, आदर्शवान्, पाठयति

ग. (विषयः – महाभारतम्)

श्रीकृष्णः, कौरवाः, पाण्डवा, युद्धस्य, कारणम्, दुर्योधनः, द्रोपदी, कर्णः, अर्जुनः, भीमः, पितामहः,

घ. (विषयः – विद्यालये स्वच्छता)

कर्गदपत्राणि, अवकरपात्रे, सुधाखण्डान्, क्षिपन्ति, भित्तिषु, लिखन्ति, अवकरं, पातयन्ति, उद्याने, त्रोटयन्ति, पुष्पाणि, कर्तव्यम्।

5. अभ्यासपत्रम्

क) कर्मवाच्ये परिवर्तनं कुरुत—

सःत्वाम् पश्यति। अहं तं कथयामि। रमा गीतां पश्यति। सः भोजनं करोति। ते किं कुर्वन्ति ? अहं पुस्तकं पठामि। रामः लेखं लिखति। यूयम् जलं पिबथ। तौ माम् पश्यतः। सर्वे बालकाः प्रातः विद्यालयं गच्छन्ति। त्वं पुष्पाणि चिनोषि। बालकाः फलानि खादन्ति। बालिके गृहं गच्छतः। सः पापं करोति। शिष्याः गुरुन् नमन्ति। अहं मोहं त्यजामि। त्वम् कथां शृणोषि। युवाम् माम् पश्यथः। ताः भोजनं खादन्ति। छात्राः छात्रान् पश्यन्ति।

ख)कर्तृवाच्ये परिवर्तनं कुरुत—

तेन त्वं दृश्यसे। मया ग्रामः गम्यते। सीतया भोजनं पच्यते। रामेण दुष्टः हन्यते। ताभिः किं क्रियते? ताभ्याम् अहं दृश्ये। त्वयाः पिता कथम् स्मर्यते? मया चन्द्रः दृश्यते। सर्वैः विद्वान् पूज्यते। तेन चलचित्रम् दृश्यते। भक्तेन गीता पठ्यते। बालकौ भोजनं क्रियते। सैनिकैः देशः रक्ष्यते। अस्माभिः पयः पीयते। अस्माभिः कविताः श्रूयन्ते। आचार्यैः प्रदर्शनी दृश्यते। आवाभ्याम् पुस्तकं पठ्यते। भृत्येन गृहाणि गम्यन्ते। त्वया कुत्र गम्यते? तैः पादपाः सिंच्यन्ते।
