# ALOK VIDYASHRAM
## *Holiday Homework 2019-20*

### *CLASS: IX SEE*

| *SUBJECTS* | *SYLLABUS* |
|---|---|
| ENGLISH | 1. Do exercise in composition 33 pg 59 Wren and Martin chapter 18. (exe 1-20) <br> 2. Exercise in composition – 42- pg 69 (11- 19) <br> 3. Exercise 127, 128, 129, 130 pg 283-284. Do 5 questions from each of the exercises. <br> 4. Do three questions each from Exe. 104, 105, 106, 107 pg 217, 218 <br> Submit the assignments in loose sheets. |
| MATHEMATICS | 1. 5 set(from set book) <br> (Loose sheet paper) |
| OPT. MATHS | 1. 5 set (from set book) <br> (Loose sheet paper ) |
| SCIENCE | 1. Make a chart paper showing phases of the moon, lunar eclipse and solar eclipse. <br> 2. Solve five sets (model set 1 to model set 5) of your question bank |
| NEPALI | १. तपाईलाई मनपर्ने व्यक्तिको बारेमा जीवनी लेख्नुहोस् । (५) <br> २. 'देशविकासमा युवावर्गको भूमिका' शीर्षकमा २०० शब्दमा नघटाई निबन्ध लेख्नुहोस् । (५) |
| SOCIAL STUDIES | 1.Try to draw the sketch of the three main styles of traditional Nepali architecture pagoda stupa and summet. |
| COMPUTER | |
| EHP | 1. Prepare a bar graph on classwise male and female students of your school. |
| VTC | |

# ALOK VIDYASHRAM
## *Holiday Homework 2019-20*

### *CLASS: IX CBSE*

| *SUBJECTS* | *SYLLABUS* |
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| ENGLISH | 5. Do exercise in composition 33 pg 59 wren and martin chapter 18. (exe 1-20)<br>6. Exercise in composition – 42- pg 69 (11- 19)<br>7. Exercise 127, 128, 129, 130 pg 283-284. Do 5 questions from each of the exercises.<br>8. Do three questions each from Exe. 104, 105, 106, 107 pg 217, 218<br>Submit the assignments in loose sheets. |
| MATHEMATICS | 1. Triangles<br>2. Quadrilaterals<br>3. Circles<br>4. Constructions<br>5. Surface Area & Volume<br>6. Statistics<br>7. Probability |
| SCIENCE | 1. Make 3 chart papers (Related to Science) each chart paper(3 marks , 1 marks neat work) |
| HINDI | १. निम्नलिखित में से किसी एक विषय पर अनुच्छेद लिखिए ।<br>समाचार पत्र,  नशा और आज का युवा<br>२. अपने किसी एक प्रिय साहित्यकार की जीवनी लिखे । |
| Nepali | १. तपाईलाई मनपर्ने व्यक्तिको बारेमा जीवनी लेख्नुहोस् । (५)<br>२. 'देशविकासमा युवावर्गको भुमिका' शीर्षकमा २०० शब्दमा नघटाई निबन्ध लेख्नुहोस् । ( ५ ) |
| SOCIAL STUDIES | 1. Locate and label the following on the map of India.<br>  a. Mountain Ranges any 3.<br>  b. Plateaus. And Deserts, Western Ghats<br>  c. Lakshasweep<br>  d. Bhramputra, Kaveri, Indus<br>  e. Narmada, Sutleej, The Ganges<br>  f. Kolleru Lake, Wular Lake, Sambhar Lake,<br>  g. Areas receiving rainfall over 400 cm and areas receiving less than 20cm rainfall<br>  h. National parks of India<br>  i. Wildlife Sanctuaries<br>  j. Bird Sanctuaries<br>  k. The state having highest and lowest density of population<br>  l. The state having highest and lowest sex ration.<br>  m. Largest and smallest state according to area<br>  n. Names of all the states of India<br>  Students are requested to use multiple maps and enclosed in a file |
| OPT. MATHS | 1. Trigonometry in loose sheet paper (all) |
| COMPUTER | |
| VTC | |

# ALOK VIDYASHRAM
## *Holiday Homework 2019-20*
### *CLASS: XI COMMERCE*

| SUBJECTS | SYLLABUS |
|---|---|
| ENGLISH | 1. Elaborate the beautiful bond of love and friendship between the author and his grandmother.<br>2. "The earth's vital signs reveal a patient in declining health." What are these 'vital signs'?<br>3. What idea do you form of Taplow after reading the play 'The Browning Version'?<br>4. The children braved the situation more maturely than their years. Discuss.<br>5. What are the facts that that are known about king Tut's lineage?<br>6. Describe the ride of Aram and mourad when they went out together for the first time.<br>7. Contrast the character of narrator's mother and Mrs Dorling.<br>8. Describe the narrator's play to get Ranga married.<br>9. Why was Albert miserable in school? How did he plan to move out of it?<br>10. Andrew's visit to the morgan's gave him pleasure and satisfaction that he had not achieved earlier. Justify.<br>11. Briefly summarize the poem "A photograph"<br>12. What does the poet want to convey to us through the poem "The voice of the rain"?<br>Write in about 120 words. |
| ACCOUNTANCY | 1. Page No. 19.64 QN. 8, Page No.19.69 QN. Page No 14, Page No 10.41 QN. 6, Page No 14.49 QN. 7, Page No 14.53 QN 21, Page No 20.39 QN 10, Page No 20.40, QN. 13 |
| BUSINESS STUDIES | 1. Define Trade.<br>2. What do you understand by internal trade and wholesale trade?<br>3. What are the advantages of departmental stores? Explain it in detail.<br>4. Differentiate between domestic business and international business.<br>5. Define the meaning of Joint ventures along with its advantages.<br>6. Briefly explain the procedure of export.<br>7. What is world trade organisation (WTO)? Briefly write about its objectives and functions.<br>8. Define departmental stares and chain stores and differentiate between them.<br>9. Define the following terms.<br>   a. Superbazar<br>   b. Malls<br>   c. Direct markenting<br>   d. Telemarking<br>   e. Internet marking<br>10. Define:<br>   a. Direct trade and indirect trade.<br>11. What is a retail trade? What are its important functions?<br>12. Write about the important functions of wholesale trade. |
| ECONOMICS | 1. Define microeconomics & its subject matters.<br>2. Why is microeconomics also called price or valur theory?<br>3. Illustrate the concept of production possibility curve (ppc) in details.<br>4. Relate the PPC to how to produce. |

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|  | 5. Explain the assumptions of cardinal utility analysis.<br>6. Explain the law of diminishing marginal utility with the help of table & curve.<br>7. What are the conditions of consumer's equilibrium in two commodities cost?<br>8. What is the meaning of ordinal utility approach?<br>9. Define indifference curve (Ic) with the help of table & diagram.<br>10. Explain the relationship between TU & MU.<br>11. What are the central problems of an economy?<br>12. Show the difference between positive and normative economics. |
| MATHEMATICS | 1. Chapter: 3, 4, 5, 6, 8, 9, 10 |
| COMPUTER | 1. Define Assembler, compiler and Interpreter.<br>2. Define Application Software.<br>3. What is warm booting and cold booting?<br>4. What is the function of a bus?<br>5. What function of operating system plays to manage memory?<br>6. Write difference between application software and system software.<br>7. Explain Virtual Memory.<br>8. What do you mean by port? Write its types also.<br>9. Why is $L_1$ cache faster than $L_2$ cache?<br>10. Expand the following<br>RISC, CISC, EPIC |

# ALOK VIDYASHRAM
## *Holiday Homework 2019-20*
### *CLASS: XI SCIENCE*

| *SUBJECTS* | *SYLLABUS* |
|---|---|
| ENGLISH | 1. Elaborate the beautiful bond of love and friendship between the author and his grandmother. <br> 2. "The earth's vital signs reveal a patient in declining health." What are these 'vital signs'? <br> 3. What idea do you form of Taplow after reading the play 'The Browning Version'? <br> 4. The children braved the situation more maturely than their years. Discuss. <br> 5. What are the facts that that are known about king Tut's lineage? <br> 6. Describe the ride of Aram and mourad when they went out together for the first time. <br> 7. Contrast the character of narrator's mother and Mrs Dorling. <br> 8. Describe the narrator's play to get Ranga married. <br> 9. Why was Albert miserable in school? How did he plan to move out of it? <br> 10. Andrew's visit to the morgan's gave him pleasure and satisfaction that he had not achieved earlier. Justify. <br> 11. Briefly summarize the poem "A photograph" <br> 12. What does the poet want to convey to us through the poem "The voice of the rain"? <br> Write in about 120 words. |
| PHYSICS | 1. Do all the numerical up to taught. |
| CHEMISTRY | 1. State and explain the postulates of Bohr's atomic model <br> 2. How Bohr's theory explain the origin of hydrogen spectra? <br> 3. State Gibb's free energy. How does it explain whether the reaction is spontaneous or non- spontaneous? <br> 4. Balance the following reactions by oxidation number method. <br> i. $Zn + HNO_3 \longrightarrow Zn(NO_3)_2 + NO + H_2O$ <br> ii. $Zn + HNO_3 \longrightarrow Zn(NO_3)_2 + N_2O + H_2O$ <br> iii. $C + HNO_3 \longrightarrow CO_2 + NO_2 + H_2O$ <br> iv. $H_2s + HNO_3 \longrightarrow S + NO_2 + H_2O$ <br> v. $Zn + HNO_3 \longrightarrow Zn(NO_3) + NH_4NO_3 + H_2O$ |
| BIOLOGY | 1. Make a chart paper showing life cycle of an insect. (silk worm, Mosquito, honeybee, butterfly) <br> 2. Perpare a project work on topics: Malacia, Diabetes, Typhoid, Cancer |
| MATHEMATICS | 1. Chapter: 3, 4, 5, 6, 8, 9, 10 |
| COMPUTER | 11. Define Assembler, compiler and Interpreter. <br> 12. Define Application Software. <br> 13. What is warm booting and cold booting? <br> 14. What is the function of a bus? <br> 15. What function of operating system plays to manage memory? <br> 16. Write difference between application software and system software. <br> 17. Explain Virtual Memory. <br> 18. What do you mean by port? Write its types also. <br> 19. Why is $L_1$ cache faster than $L_2$ cache? <br> 20. Expand the following <br>      RISC, CISC, EPC |