



S.L.S.D.A.V PUBLIC SCHOOL, MAUSAM VIHAR, DELHI-110051
(ISO 9001:2008 CERTIFIED)
Holiday Homework Work
Commerce Stream (2015-2016)
Classes – XI

COMMERCE(Business Studies, Accountancy, Economics)

NOTE: (Do all the holiday homework in one note book)

- Find out from the newspapers and journals, the firms engaged in online selling and visit their website. Write a report on any one company describing the products offered, mode of payment, special offers and process of making a transaction.
- Watch Business news daily or read Business / Economic section of any newspaper and collect two business news on daily basis.
- Select any three top business entrepreneurs and draw their life sketch including their nature of work, experiences and achievements.
- Select any 20 brands. Draw their logos and write punch lines.
- Visit to a bank and write down the process of opening a saving bank account. Also attach necessary forms with report.
- Find out any two organizations who are contributing in the development of society. Write a report and support it with pictures from newspaper.
- Draw a poster on any socio – economic challenge faced by India. (i. e. Poverty , Unemployment, Inflation etc)
- Prepare a power point presentation on any of the following topics :
 1. Weaving a web –Business opportunities
 2. A window to future commerce
- Revise the syllabus for the credit of Business Studies.

ENGLISH

Q. 1 A village pradhan is going to host a debate on “Honour Killing “. Considering yourself the pradhan motivate villagers to stop this and also highlight the factors responsible for such heinous crime

Q.2 Write an article for your school magazine on “Drug Abuse and Its Prevention “in 150-200 words

Q.3 Write an article on “Waste Management and Disposal: The Need “in 150-200 words.

Q. 4 Read News Paper daily and paste 10 advertisements of vacancy, to-let, sale –purchase from classified column in your note –book.

Legal Studies

Detailed Report on Basic Features of Indian Constitution. Student are advised to study chapter IV of Unit-I and prepare a detailed report on the Basic features of Our Indian Constitution.

Mass Media Studies

As Films play an important role in our lives and holds responsibility for a better society so as per syllabus students will do a movie review. They can select movie on their own and will do the review in detail as per the syllabus.

Also students have done how media functions and is important in Journalism and Screen Entertainment so they will file a report on the current issue with full format as per their syllabus.

INFORMATICS PRACTICES

Q1 Complete the assignment in your IP notebooks.

Q2 Make a beautiful and colourful chart on a full size thick cartridge sheet on any one of the following topics:-

- a) Cyber security.
- b) Impact of Social Media in Everyday life - Advantages and Disadvantages.
- c) Various memory and storage devices.
- d) E-business, E-learning, E-governance.
- e) Use of Smart Boards in teaching

FASHION STUDIES

ACTIVITY:1

1. Identify any one Indian and one International Designer who has both a main label and a prêt label.
2. Collect pictures from Fashion Magazines/ Internet of the designs under the respective labels.
3. Paste them on an A3 sheet. Write about 10 points of difference between the main label and Pret Label

ACTIVITY: 2

1. Visit the Shopping Malls around your area. Compare the window display of any two brands of similar merchandise. Report the same on A4 ruled sheets. Also paste pictures of your visit

ACTIVITY: 3

1. Prepare swatch cards using five samples each of Natural ,Synthetic and Blended Fabrics.

2. Identify four textures from the environment and transfer them on a bond paper by rubbing your 2B or 4B pencil on the paper.
3. Create textures using various mediums representing the following:
 - a) Softness
 - b) Silky
 - c) Smoothness
 - d) Roughness.
4. Draw a design in a square of 6x6". Repeat it four times and color using different color schemes.

MATHEMATICS

(I) Revise 1st credit syllabus

Topic – sets

MM - 30

Date :- 23.07.2015

(II) Do the following assignment in your class note - book Also paste the HHW assignment before doing it

Q1. Write the following sets in the builder form :

(i) the counting numbers which are multiples of 6 and less than 50.

(ii) the fractions whose numerator is 1 and whose denominator is a counting number less than 10.

(iii) the set of all positive integers whose cube is odd .

(iv) $A = \left\{ \frac{1}{2}, \frac{2}{3}, \frac{3}{4}, \dots, \frac{9}{10} \right\}$.

(v) $B = \left\{ 1, \frac{1}{4}, \frac{1}{9}, \frac{1}{16}, \frac{1}{25}, \dots \right\}$.

Q2. Use the roster method to represent the following sets :

(i) $\{ t : t^3 = t, t \in \mathbf{R} \}$

(ii) $\left\{ x : \frac{x-2}{x+3} = 3, x \in \mathbf{R} \right\}$

(iii) $\{ x : x^4 - 5x^2 + 6 = 0, x \in \mathbf{R} \}$

(iv) $\{ x : x \in \mathbf{I}, -\frac{1}{2} < x < \frac{9}{2} \}$

(v) $\{x : x \in \mathbf{N} \text{ and } 4x - 3 \leq 15\}$.

(vi) $\{x : x \in \mathbf{N}, x^2 < 40\}$

(vii) $\{x : x \in \mathbf{Z} \text{ and } x^2 < 16\}$

Q3. Two finite sets have m and k elements. If the total number of subsets of first set is 56 more than the total number of subsets of second set, then find the values of m and k .

Q4. Find the power set of A where

(i) $A = \{0, \{0\}\}$

(ii) $A = \{1, \{2, 3\}\}$.

Q5. Let $A = \{x : x \text{ is a positive prime less than } 10\}$ and $B = \{x : x \in \mathbf{N} \text{ and } 0 < x - 2 \leq 6\}$, then find

(i) $A \cup B$

(ii) $A \cap B$

(iii) $A - B$

(iv) $B - A$

Also verify that

(a) $n(A \cup B) = n(A) + n(B) - n(A \cap B)$

(b) $n(A - B) = n(A \cup B) - n(B)$

(c) $n(B - A) = n(B) - n(A \cap B)$.

Q6. On the real axis, if $A = [0, 3]$ and $B = [2, 6]$, then find the following :

(i) A'

(ii) B'

(iii) $A \cup B$

(iv) $A \cap B$

(v) $A - B$

(vi) $B - A$

Q7. In a class XI of a certain school, there are 20 students in a chemistry class and 30 students in a physics class. Find the number of students which are either in chemistry class or in physics class in the following cases:

(i) The two classes meet at the same hour.

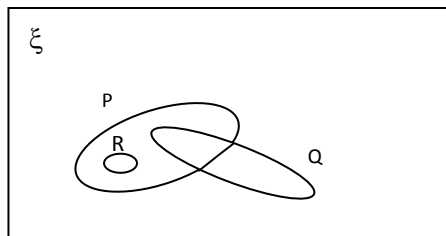
(ii) The two classes meet at different hours and 10 students study both the subjects.

Q8. In the adjacent Venn diagram , if $n(\xi) = 80$, $n(P) = 40$, $n(Q) = 28$, $n(P \cap Q) = 12$ and $n(P \cap R) = 10$,

(i) Mark the number of elements in each region.

(ii) Determine the value of

$$n(P \cup Q) \text{ and } n((Q \cup R)')$$



Q9. There are 240 students in class XI of a school , 130 play cricket , 100 play football, 75 play volleyball , 30 of these play cricket and football , 25 play volleyball and cricket, 15 play football and volleyball. Also each student plays atleast one of the three games. How many students play all the three games ?

Q10. From 50 students taking examination in Mathematics, Physics and Chemistry, each of the student has passed in atleast one of the subjects, 37 passed Mathematics, 24 Physics and 43 Chemistry. At most 19 passed Mathematics and Physics, at most 29 Mathematics and Chemistry and at most 20 Physics and Chemistry .What is the largest possible number that could have passed in all the three subjects?

(III) PROJECT WORK :-

Make a power point presentation on a Mathematics topic for project “DISCOVERY LEARNING” .Keep the following Points in mind while doing it.

1. PPT must be subject based (topic of XI , XII) or any Mathematics topic
2. “DISCOVERY LEARNING “is in an initiative to discuss innovations in Mathematics / too take care of conceptual knowledge through peer teaching. You may select only a part of the chapter where children make errors or find difficult to understand.
3. The presentation shall be judged by subject teachers at class level in phase I
4. In phase II it would be judged by Panel of experts on the basis of content, Presentation, Innovation, Creativity, Concept clarity.
5. Presentation must not exceed 4 – 5 min.
6. You may choose any other topic you wish to eg. Fibonacci series , Golden ratio etc