

Summer Holiday Homework – 2017
Class - XII

Subject	Summer Homework
English	<ol style="list-style-type: none"> 1. Read the Novel and write the summary for each Chapter in the English notebook. 2. Read another novel of your choice and write a book review.
Hindi	<p>1 भक्तिन तथा आत्मपरिचय पाठ के सभी प्रश्नों के उत्तर लिखिए। कविता के सभी प्रश्नों के उत्तर लिखिए ।</p> <p>2 लोकतंत्र का महापर्व चुनाव विषय पर लगभग 300 शब्दों में एक निबंध लिखिए ।</p>
Mathematics	<p>Solve the Exercise of RD Sharma of Chapters:</p> <ol style="list-style-type: none"> 1. Inverse Trigonometric Functions 2. Matrices 3. Determinant 4. Continuity and Differentiability
Physics	Solve the Attached Worksheet
Chemistry	<p>CHAPTER 1 – THE SOLID STATE</p> <p>Complete the questions and answers of the chapter from NCERT PART -1 Textbook</p> <p>Both in text and exercise questions</p> <p>CHAPTER 2- SOLUTIONS</p> <p>Complete the questions and answers of the chapter from NCERT PART -1 Textbook</p> <p>Both in text and exercise questions</p>
Biology	<ol style="list-style-type: none"> 1. Answer NCERT textbook questions of chapter 1, 2 and 3. 2. Make a chart showing the development of pollen grains from microspore mother cell or embryo sac from megaspore mother cell.
Computer	Solve the Questions of Revision Tour of Java 1, 2 and 3.
Economics	Solve the attached worksheet.
Accountancy	<ol style="list-style-type: none"> 1. Accounting for Partnership Firms-Fundamental Question no - 44 to 58 Illustration no - 39 to 50, 54, 58, 56, 62, 63 2. Goodwill - Nature and Valuation Question no - 2 to 5, 13 to 22, 25, 26, 31, 32

Business Studies	1. To Prepare Notes of Chapter 2 (Principles of Management)
Political Science	Complete the NCERT Textbook questions of Chapter 1 and 2.
History	Complete the NCERT Textbook (Ancient History) questions of Chapter 1 and 2.
Physical Education	<ol style="list-style-type: none">1. Complete the Project file of Physical Education2. Write the questions and answers of chapter 1 of the textbook.

Summer Holiday Home work

Subject – Economics

Class – XII

Worksheet

A. Very short answer type questions:

1. What is the impact of diminishing marginal rate of substitution on indifference curve?
2. What is indifference curve map?
3. What is meant by MRS?
4. Under what situation total utility will be maximum?
5. Define consumer equilibrium?
6. What will be the impact on demand of the substitute good due to increase in price of the good?
7. If the number of consumers increases, then in which direction will the demand curve shift?
8. What do you mean by scarcity?
9. Why does PPF look concave to the origin?
10. Unemployment in India is a subject matter of Microeconomics or Macroeconomics? Give reasons?

B. Short answers type questions:

1. State three differences between normative economic analysis and positive economic analysis?
2. Write any three differences between market economy and centrally planned economy?
3. Define opportunity cost and explain it with the help of an example?
4. Explain the relationship between total utility and marginal utility with the help of a schedule?
5. What do you mean by MRS? Explain with the help of a numerical example?
6. Distinguish between change in demand and change in quantity demand?
7. What will be the behaviour of total utility when marginal utility curve lies below X-axis?

C. Long answers type questions:

1. Explain four properties of indifference curve?
2. Explain with the help of diagrams the effect of following changes on the demand of a commodity.
 - a) A fall in the price of substitute good.
 - b) A fall in the price of complementary good.
3. Explain followings:
 - a) Two indifference curves never intersect each other.
 - b) Income effect of inferior good is negative.
 - C) Change in quantity demanded is the explanations of law of demand.
4. Why the indifference curve should be tangent to the budget line at the point of consumer's equilibrium?
5. If $MU_x/P_x > MU_y/P_y$ then how equilibrium position will be reached under consumer equilibrium approach?
6. With the help of diagrams, explain the effect of following changes on the demand of a commodity.
 - a) A fall in income of its buyer
 - b) A rise in the income of its buyer.
7. Explain the determination of consumers' equilibrium with the help of a schedule and diagram in case of two commodity by utility approach.
8. "A good may be inferior for one consumer and normal for another" Do you agree with this statement. Give reasons in support of your answer.
9. Why does consumer stop consumption in case where marginal utility is less than the price of a good?
10. Why budget line is called income line?



Summer Holiday Homework – 2017

Subject - Physics

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Worksheet

1. State Gauss theorem.
2. Give three applications of Gauss theorem.
3. Calculate torque on a dipole placed in uniform electric field.
4. Calculate electric field on the axial line of a dipole.
5. Discuss parallel plate capacitor with dielectric slab.