

HOLIDAYS HOMEWORK CLASS – XII (2016-17)

ENGLISH:- Read the novel “ The Invisible Man” by H.G. Wells and (1) Write a book review (2) Write a brief character sketch of the following: (i) Griffin (ii) Marvel (iii) Mrs. Hall (iv) Dr. Kemp.

HOME SCIENCE:- Modify and record two dishes each for the following physiological conditions in your file: fever, Diarrhoea, Constipation, Jaundice, Hypertension, Diabetes, Pregnancy, Lactation, Old age and Infants.

LEGAL STUDIES:- Q-I . (a) Prepare a chart depicting the structure and hierarchy of courts in India and describe the same.

(b) Prepare a file containing the cases decided by the Supreme Court and the High Courts from the information published in the leading national daily newspapers. **Q-II. Write the answers of the following questions in legal studies notebook:-**

Q-1) Discuss the independence of judiciary as a constitutional safeguard. **Q-2)** Critically examine the roles of supreme court of India. **Q-3)** Discuss the constitutional provisions and current practice regarding the appointment of judges in India.

Q-4) Discuss the scope of Judicial Review in India. **Q-5)** Write an essay on the growth of litigation and Pendency of cases in the Indian Courts. **Q-6)** Prepare a list of the names of Judges of the Supreme Court of India.

SOCIOLOGY:- (Project) (1) Prepare a project file (25, A-4 sheets) on any social issue we are facing in our society or any social problem. (2) Carry out the research in a detailed manner using 30 interviews, questionnaire, direct or indirect observation. The file should contain all the necessary sub-topics including analysis. Click pictures wherever necessary and show bar diagrams for analysis of responses.

HISTORY:- (Project Work) Prepare a rough draft of any one of the projects comprising of detailed information and critical analysis of the topic:- (1) Bhakti Sufi Movements; (2) Partition of India - Not just a division of territory but a division of hearts.; (3) Revolt of 1857; (4) Indus Valley Civilization; (5) Account of Foreign Travellers; (6) Mahabharata – through the eyes of a reader.; (7) The Vijaynagar Empire; (8) The Mughal Paintings; (9) Mahatma Gandhi-His Life and achievement.

BUSINESS STUDIES:- Prepare a project on Marketing Management for launching a new product with some innovation in existing product (if possible) after conducting of Market Survey and Research through Questionnaires (follow Societal Marketing Concept). For example:- Digital bats, Infant dresses with chip inside so that the child can be traced if lost etc.

ACCOUNTANCY:- Prepare the project on Analysis of Performance of various segments of any Public Ltd. Company.

PHYSICAL EDUCATION:- Draw a neat diagram of the Field/Court of any one Game of your choice. Write its history, Rules and regulations, Terminologies and important tournaments. Basketball, Football, Handball, Hockey, Kho-Kho and Volleyball.

PHYSICS :- To prepare an Investigatory project’s / research based project. Following are the examples. (1) To fabricate logic gates. (2) To study the different brands of cells available in market using potentiometer & compare their EMF’s & internal resistances. (3) To find the efficiency of various brands of bulbs. (4) To find the refractive indices of various liquids. (5) To design a transformer & study its characteristics.

CHEMISTRY:- (Project) :- (1) To determine the tensile strength of fibres. (2) To determine oxalate content in different stages of ripening of guava. (3) To determine caffeine / vitamin C and other functionalities present in aerated drinks. (4) Aspirin content in pain killers. (5) Comparative study of antacids available in the market. (6) Verification of any colligative property. (7) Preparation of Rayon fibre. (8) Preparation of dyes/ coloured pigments. **OR** any other relevant topic.

INFORMATICS PRACTICES:- (1) Make 20 programs using Java Swings(Netbeans). (2) Create any HTML website. Containing 5 pages (Interlinked). (3) Revise class - XI My SQL.

BIOLOGY:- Make project on any of the topic related to your syllabus like. (1) Study of effect of Antibiotics on Microorganisms. (2) Study of Apical Dominance in Potato and Coleus. (3) Study of pollen germination and calculations of Pollen Viability. (4) To study Dispersal of seeds by various agencies. (5) Study of Canopy Architecture of Trees. (6) Study of development stages of Housefly/Cockroach. (7) Study of Metamorphosis of Frog’s Tadpole through specimens. (8) Study of Coagulable & Non-Coagulable proteins in Milk.

POLITICAL SCIENCE:- Prepare a brief report of 300 words on the below mentioned topic:-The Environmental summit meets and their results. (must include Rio summit-1992, Kyoto Protocol, Copenhagen summit & the recent Paris meet 2015).

MATHS:- Assignments (Extra questions and applications based questions) of the following chapter. 1) Inverse Trigonometric functions. 2) Continuity and Differentiability. 3) Application of derivatives.

ECONOMICS:- Assignments of the following chapter (numericals). (1) Consumer’s Equilibrium. (2) Elasticity of Demand. (3) Cost. (4) Revenue. (5) Production.

COMPUTER SCIENCE:- (1) Project using “C++” software. (2) PPT on any one topic:- (i) Classes & Objects. (ii) File Handling. (3) Constructors & Destructors. (4) Inheritance. (5) Networking. (To be assigned by the teacher)

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