

BISHOP ACADEMY SENIOR SECONDARY SCHOOL - MAHARAJGANJ

HOME WORK for Summer Vacation 2023

Class -12th (Biology)

Chemistry

- (i) Solve all the questions from NCERT related to the following chapter:-
 - (a) Haloalkanes and Haloarenes
 - (b) Alcohols, phenols and ethers
- (ii) Make an Assignment on all the name reaction which are studied.
- (iii) Solve the question paper both set A and Set B
- (iv) Write experiment
 - (a) To prepare m/20 solution of the mchr's salt and using this solution to calculate the molarity of the KMnO₄
 - (b) To prepare m/40 solution of the oxalic acid by using this solution to calculate the molarity of the KMnO₄
- (v) Solve both set of surprise test.

Physics

- (i) Solve all the NCERT questions of chapter -2 to 3.
- (ii) Write short notes on the following topics:-
 - (a) Gauss theorem and its application
 - (b) Electric potential energy
 - (c) Energy stored in charged capacitor
 - (d) Principle of capacitor
- (iii) Prepare and write viva question answer of experiments give with the help of lab manual.
 - (a) To determine resistivity of two/three wires by plotting a graph for potential difference versus current.
 - (b) To find resistance of a given wire/standard resistor using meter bridge.
- (iv) Describe about KVL, KCL and all out meter bridge.
- (v) Solve both set of surprise test.

Biology

- (i) Write all Ques/Ans of model paper of lesson 1 to 4, which is given in Pradeep's book.
- (ii) Write & Learn the 50 short type questions which is related to lesson 1 to 5.
- (iii) Write short notes on-
Genetic code, Chromosome, Genes, Down's syndrome, Klinefelter syndrome, Turner's syndrome, DNA fingerprint, Transcription, Translation, Semiconservative mode of DNA, Human Genome project.
- (iv) Make a model of DNA.
- (v) Make a project on "psychotropic Drugs their sources and uses in medical Science".
- (vi) Write and learn 100 objective questions of lesson 5 and 6.
- (vii) Write experiment no. 1 and 2 with observation table in lab manual.
- (viii) Solve both set of surprise test.

Physical Education

- (i) Make a project on "Yoga as a heritage of India" (2000 words) and paste it in your cobra file.
- (ii) Do 5 Asanas, 5 Pranayam. Make a Diet Chart of a week and trace out calories per day.

English

- (i) Practise at least 5 exercise of the following topic classified in practice paper.
 - (a) Report
 - (b) Advertisement
 - (c) Articles
 - (d) Letter (formal)
 - (e) Speech
 - (f) Notice
 - (g) Invitation card formal and informal.
- (ii) Write 10 words meaning each day on separate copy.
- (iii) Prepare word meaning and write word meaning of lesson 4, 5, 6 from Flamingo.

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- Note:-
- (i) Summer vacation's work must be written on a particular fair copy.
 - (ii) The work will be checked strictly. In the condition of carelessness the student may be punished.
 - (iii) The school will remain closed from 22-05-2023 to 17-06-2023 for Class 6th to 12th as Summer Vacation.
 - (iv) The school will be reopened on 19-06-2023 (Monday) at 08:00 AM to 12:00 PM.
 - (v) Office will remain opened during summer vacation from 10:00am to 02:00pm.
 - (vi) Guardians are advised to use the Whatsapp Group regularly, because the information regarding Homework changing/question-answer or any notice may be sent during summer vacation.

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HOME WORK for Summer Vacation 2023

Class -12th (Mathematics)

Chemistry

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 - (a) Haloalkanes and Haloarenes
 - (b) Alcohols, phenols and ethers
- (ii) Make an Assignment on all the name reaction which are studied.
- (iii) Solve the question paper both set A and Set B
- (iv) Write experiment
 - (a) To prepare m/20 solution of the mchr's salt and using this solution to calculate the molarity of the $KMnO_4$
 - (b) To prepare m/40 solution of the oxalic acid by using this solution to calculate the molarity of the $KMnO_4$
- (v) Solve both set of surprise test.

Physics

- (i) Solve all the NCERT questions of chapter -2 to 3.
- (ii) Write short notes on the following topics:-
 - (a) Gauss theorem and its application
 - (b) Electric potential energy
 - (c) Energy stored in charged capacitor
 - (d) Principle of capacitor
- (iii) Prepare and write viva question answer of experiments give with the help of lab manual.
 - (a) To determine resistivity of two/three wires by plotting a graph for potential difference versus current.
 - (b) To find resistance of a given wire/standard resistor using meter bridge.
- (iv) Describe about KVL, KCL and all out meter bridge.
- (v) Solve both set of surprise test.

Math

From new book of R.S. Agarwal solve following:-

- (i) Solve exercise 1(A), 1(B), 2(A), 4(A), 4(B), 4(C), 10 (D) & 10(I) of R. S. Agrawal Book.
- (ii) Make a project on "Aryabhatta".
- (iii) Write Activity/Experiment no 1 & 2 of lab manual.
- (iv) Solve MCQ of continuity and differentiability from R.S. Agrawal Book.
- (v) Write all formula of differentiability and integration on chart paper.

Physical Education

- (i) Make a project on "Yoga as a heritage of India" (2000 words) and paste it in your cobra file.
- (ii) Do 5 Asanas, 5 Pranayam. Make a Diet Chart of a week and trace out calories per day.

English

- (i) Practise at least 5 exercise of the following topic classified in practice paper.
 - (a) Report
 - (b) Advertisement
 - (c) Articles
 - (d) Letter (formal)
 - (e) Speech
 - (f) Notice
 - (g) Invitation card formal and informal.
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HOME WORK for Summer Vacation 2023

Class -12th (Commerce)

Physical Education

- (i) Make a project on “Yoga as a heritage of India”. (2000 words)
- (ii) Do 5 Asanas, 5 Pranayam. Make a Diet Chart of a week.

English

- (i) Practise at least 5 exercise of the following topic classified in practice paper.
 - (a) Report
 - (b) Advertisement
 - (c) Articles
 - (d) Letter (formal)
 - (e) Speech
 - (f) Notice
 - (g) Invitation card formal and informal.
- (ii) Write 10 words meaning each day on separate copy.
- (iii) Prepare word meaning and write word meaning of lesson 4, 5, 6 from Flamingo.

Accountancy

- 1. Scanner questions of chapter 1, 2, 3, 4.
- 2. Solve case based value based question-answer related to CBSE Board.
- 3. Learn & Write chapter wise Journal Entries.
- 4. Solve all objective questions of 1,2, 3, 4,5.
- 5. Write two case based question from each chapter 1, 2, 3,4.
- 6. Write 5 assertion/reason questions from each chapter 1, 2, 3,4.

Business Studies

- 1. Write a short note on Nature and significance of Management
- 2. Make a project on principle of Management and its functions along with case study as example.
- 3. Explain about dimensions of business environment, new industrial policy 1991 (LPG) and demonetization.

Economics

- 1. Extra question of National Income (from book)
- 2. Learn and write CBSE question of Chapter 1, 2 of IED (Indian economics development)
- 3. Learn and write CBSE questions of chapter 2.
- 4. Make a assignment on development experience (1947-90) (1500 words).
- 5. Make a project on lab manual given below:-
 - (a) Development experience (1947-1990) and economic reforms since 1991.
 - (b) GST and its Impacts on GDP
- 6. Write 50 assertion/reason from macro & IED from unit 1 to 6

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