

KERALA PUBLIC SCHOOLS

HOME ASSIGNMENT (1st to 15th May 2020)



| CLASS | SUBJECT | TOPIC / CHAPTER | MODULE / ASSIGNMENT | REFERENCE LINK |
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| X | ENG LANG | Essay writing | | |
| | ENG LIT | Ch - I know why the caged bird sings. | Q1:- What is the purpose, tone, meaning and message of I know why the caged bird sings by Maya Angelon? Q2:- What is the specific rhyme scheme of this poem? Q3:- What is the implied meaning of "his bars of rage" in this poem? Q4:- Explain the context of the following lines. a) A free bird leaps _____claim the sky. b) But a BIRD _____throat to sing. Q6:- What does the word "clipped" mean in this poem? Q7:- What does the line ' and his shadow shouts on a nightmare scream' mean? Q8:- What is the main conflict in this poem? Essay writing not more than 350 words each:- Q9:- Write an original short story in which two children and their Grandfather are the main characters. Q10:- Closed Circuit Television (CCTV) must be installed in every classroom. Give your views for or against this statement. | Web link: www.enotes.com aplustopper.com |
| | MATHS | Ch – 18 : Trigonometrical Identities | Module-1 :Trigonometric Ratios: Ex- 18 ,Q.no 1 to 5 and solved examples 1,3 and 4. Module-2 :Complimentary angles, Ex- 18 :Q.no 6,7 and 8. Module-3:Trigonometrical Identities, Ex- 18.Q.no 12,14,16 and 22. Module-4:Fundamental Identities, Ex-18 :Q.no 22,23,25,28,31and 32. | |
| | | Ch - 4 : Linear Inequations | Module-1: Inequalities among Real numbers. Ex-4 ,Q.no 1,2,3,8,10 and12 . Module-2 :Solving linear Inequations in one variable and representation of solution set on number line. EX-4 : Q.no- 13,16,23,26,30,33 and 40. Also Practice solved examples. | |

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| | PHY | Ch -1 : Force Module - 4 : Principal of moments and equilibrium | Answer the following - 1) State the principal of moments.Give one device as application of it. 2) What do you mean by equilibrium of a body? 3) Name the two types of equilibrium. 4) Give one example of each of above type of equilibrium. 5) State two conditions for a body acted upon by several forces to be in equilibrium. | |
| | | Ch - 1 : Force Module – 5 : Centre of gravity | Answer the following 1) What to you mean by the term stability? 2) Define the term 'centre of gravity' 3) On what factor does the position of centre of gravity of a body depend? Explain your answer with an example. 4) What is the position of centre of gravity of a : i) hollow sphere ii) solid cone iii) hollow cone iv) scalene triangle | |
| | CHEM | Ch – 2 : Chemical Bonding Module – 1 Topic → Introduction & Reasons of chemical bonding, Types of bonding | 1. How do atoms attain noble gas configuration? 2. Mention the basic tendency of an atom which makes it to combine with other atoms. 3. Define chemical bond. 4. Mention the types of chemical bond. | https://youtu.be/sk3wvjT9bOY |

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| | Module – 2 Topic → Electrovalent bond, Conditions for the formation of electrovalent bonds, Atomic Orbital and Electron Dot structure of ionic compounds. | 1. Do the following questions of Intext Questions of page number 25:- Q. No. → 3,4,6-11 2. Draw atomic orbital diagram of:- i. KCl ii. CaCl ₂ iii. MgO | https://youtu.be/QXGPVsvVAQw |
| | Module – 3 Topic → Covalent bond, Types of covalent bond, Polar and Non-polar Covalent compounds, Conditions for Covalent bond, Electron dot structure of Covalent compounds, Properties and Comparison of Electrovalent and Covalent compounds. | 1. Do the following questions of Intext Questions of page number 32:- Q. No. → 2-5,7,9-13 2. Draw the electron dot diagram and structure of:- a. Cl ₂ b. H ₂ O c. HCl d. NH ₃ | https://youtu.be/2K2Gr4GI2qA |
| | Module – 4 Topic → Co-ordinate bond | Do the following questions of Exercise-2 :- Q. No. → 1-4,7&10. • Go through all the board questions given in Exercise-2. | https://youtu.be/xhFd3wnBQOg |
| BIOLOGY | Ch – 5 : Transpiration Module 1. Topic:*Transpiration *Kinds of Transpiration | a.Study Expts.1,2 and record your Observation. b.State the role of cobalt chloride paper in Exp.no.2. c.Define Transpiration d.Give Reasons: i)More transpiration occurs from undersurface of leaves. ii)Leaves of some plant wilt during midday and recover in the evening. | link: https://youtu.be/U4rzLhz4HHK |

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| | <p>Module 2.</p> <p>Topics:*Factors that affect Transpiration * Adaptations in plants to reduce Transpiration</p> | <p>a)State any <u>two</u> factors that affect transpiration. b)Explain: i)Transpiration increases with the velocity of wind. ii)Transpiration is reduced if the outside air is humid. C)List any <u>three</u> adaptations in plants to reduce Transpiration.</p> | <p>https://youtu.be/g4R_6rcAPDI https://youtu.be/cUWOvp1aWMs</p> |
| | <p>Module 3.</p> <p>Topic:*Significance of Transpiration</p> | <p>a)Forests contribute in bringing rain. Explain how. b)Differentiate between: i)Evaporation and Transpiration ii)Guttation and Bleeding c)What are hydathodes? d)List any <u>four</u> advantages of transpiration to plant.</p> | <p>https://youtu.be/WxXX51EhS_O</p> |
| | <p>Module 4</p> | <p>QUESTION AND ANSWER DISCUSSION</p> | |
| HIST | <p>Ch - 2 (History) : Factors leading to the Growth of Nationalism and Foundation of the Indian National Congress Modules :</p> <p>1) Socio-Religious Reform Movements 2) Role of the press and Indian Literature 3) Repressive Colonial Policies</p> | <p>I) From ‘Exercises’ (Given at the end of chapter) Question No : 1 to 15 (Answers should be in bullets and not in paragraphs) II) Write short notes on :- a) The Vernacular Press Act 1878 b) Ilbert Bill Controversy</p> | <p>https://www.youtube.com/watch?v=d801drXzhco</p> |
| | <p>Ch - 2 (History) : Factors leading to the Growth of Nationalism and Foundation of the Indian National Congress</p> | <p>I) From ‘Exercises’ (Given at the end of chapter) Question No : 16 to 28 (Answers should be in bullets and not in paragraphs) II) From ‘Structured Questions’ (Given at the end of chapter)</p> | <p>https://www.youtube.com/watch?v=2EDBoAxa-w0</p> |

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| | | <p>Modules: 1) Precursors or Forerunners of the Indian National Congress</p> <p>2) Indian National Congress</p> | <p>Question No : 2 &6 (Each point of the answer should be written in bullets and not as a complete paragraph)</p> | |
| GEOG | <p>Ch – 4 : Natural Vegetation</p> <p>Module – I Topic – Importance of forests</p> | <p>Q1. Define: (a) Natural resources (b) Vegetation</p> <p>Q2. Answer in brief: (a) Why India has huge diversity in flora and fauna? (b) Explain why forests are an important natural resource?</p> | <p>https://youtu.be/C0MhwHybaZk</p> | |
| | <p>Module – II Topic – Types of forests</p> | <p>Q1. Answer in brief: (a) Name the forest which is commercially most important in India. (b) Name two trees which grow in this forest.</p> <p>Q2. (a) Give two characteristics of tidal forests and Tropical deciduous forest. (b) Give the economic importance of Teak, Sandalwood, Sisam and Sal.</p> <p>Q3. Give reason: (a) Tropical evergreen forests are difficult to exploit for commercial purposes. (b) Forests grown in and around the iron and steel cities.</p> | <p>https://youtu.be/Z8jOcYEtyc0</p> | |
| | <p>Module – III Topic – Conservation of forests</p> | <p>Q1. Define: (a) Social forestry. (b) Agroforestry.</p> <p>Q2. Mention three reasons why forests must be conserved.</p> <p>Q3. Differentiate between: Afforestation and Deforestation.</p> <p>Q4. Give three reason for rapid depletion of forest resource in India.</p> | <p>https://youtu.be/VmLYUwtR1lk</p> | |
| COMM ST | <p>Ch - 4 : Consumer Protection</p> | <p>Read the Chapter Answer the questions :</p> <p>Q. What is meant by Unfair trade practices? Mention any two unfair trade practices.</p> <p>Q. Why do we need the Consumer Protection Act.?</p> | <p>https://youtu.be/99PF_JYl6Uw</p> | |

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| | | Module 01 : Consumer exploitation and need of consumer Protection | Q. What is consumer exploitation? | |
| | | Module 02 : Consumer protection Act. | Q. Give any two features of Consumer Protection Act. Q. What are the objectives of consumer protection Act.? Q.Mention two remedies that are available to an affected consumer under the consumer protection Act. | https://youtu.be/u6T2qGtW6LY |
| | | Module 03: Consumer Rights | Q. Explain five main rights of consumers as provided in the consumer protection Act. 1986. | https://youtu.be/EIJ2bYzC7wQ |
| | ECO APPL | Ch - 4 : Factors of Production (Land and labour) Module 01: Concept of factors of Production Module: 02: Land as factor of Production | Answer questions Q What is meant by Land use pattern? Q 'Land is the original sources of all material wealth.' In this context, explain four determinants that influence the productivity of land. Q. Explain any five characteristics of land. Suggest any two measures to improve productivity of land. | https://youtu.be/CPYwYG4rbmI |
| | | Module 03: Labour as factor of Production. | 1))Answer the questions a) Briefly explain why labour is considered to be the means and end of Production? b)' Efficient labour force is an important economic ingredient.' In this context, define efficiency of labour. Explain three factors that determine the efficiency of labour. c) Explain with the help of an example the simple and complex division of labour.Mention any three merits of division of labour. d) Explain any five characteristics of labour. | |

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| | | | <p>e) Define efficiency of labour and explain any three of it's benefits. Briefly explain two causes of the low efficiency of labour in India.</p> <p>f) Briefly explain the impact of division of labour on cost of production by a firm.</p> | |
| | | | <p>NOTE:- Complete two Projects out of four in Summer vacation.. Project 01: Demand Project 02: Entrepreneurship Project03: Privatization in India Project 04: Banking</p> | |

Rakshmi

DIRECTOR ACADEMICS