KERALA PUBLIC SCHOOLS

HOME ASSIGNMENT (28th April to 10th May 2020)

CLASS	SUBJECT	TOPIC / CHAPTER	MODULE / ASSIGNMENT	REFERENCE LINK
VIII				
	MATHS	Ch - 1 : Rational Numbers	Module: 1 . Ex- 1.1, Q.no.- 1.2 and 3, Ex- 1.2 Q.no- Q.no.- 1 to 5 Module - 2 : Ex- 1.3 (write all the properties of operations of Rational numbers). solve Q.no- 1 to 5 Module-3 (properties of division of Rational numbers) Ex- 1..4 .Q.no- 1 to 7. Ex 1.5 .Q.no.1 to 5(Represent on number line) Module-4: Ex-1.6 (word problems).Q.no- 1 to 8.	
		Ch - 2 : Exponent And Powers	Module-1. Ex-2.1 :Q.no. 1,2,6,8.and 9 Module-2 (Express small or large number in standard from) Ex-2.2 : Q.no - 1.2 and 3.	
		Ch - 3 : Squares And Square Roots	Module-1 : Ex - 3.1 : Q.no.- 1 to 4 Module-2 : Ex - 3.2 : Q.no.- 2.3,5,6 and 7,11. Module-3 : Ex - 3.3 : Q.no.- 2,3,4,5,6,8 and12 Module-4 : Ex - 3.4 : Q.no.- 1,3, 7.8.9 and 14	
	PHY	Ch - 1 : Matter	Module 1 : • Introduction of matter • Characteristics of molecules	https://www.youtube.com/watch?v=uH4cBRqFetg

			• States of matter **<u>1.DEFINE</u>** a) matter b) molecules c) force of cohesion d) force of adhesion e) inter molecular force **2. Answer the following questions:** a) Define the term matter. What is it composed of? b) States three properties of molecules of a matter. c) What do you mean by the inter molecular spaces? How do they vary in different states of matter? d) H0w inter molecular forces of attraction vary in solids, liquids and gases? e) What are the criteria on which states of substance is decided? f) States three differences between solids, liquids and gases.	
			Module no 2 : • Change of states • Melting point, freezing point, boiling point 1. **<u>DEFINE</u>** a) melting and melting point b) freezing and freezing point c) vaporization and boiling point d) condensation 2.-**<u>Answer the following questions</u>** a) What do you mean by change of state?Write the flow chart showing the complete cycle of change of states.	https://www.youtube.com/watch?v=Wvt9BDQOYP4

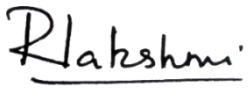
			b) Differentiate between melting point and boiling point, giving at least one example of each. c) Describe an experiment to demonstrate that water absorbs heat during boiling at a constant temperature. d) State the melting point of ice and the boiling point of water. e) What happens to the melting point of an ice when salt is added or pressure is increased on it? f) Why it is difficult to cook food on mountains?	
			Module no3: • Latent heat • Explanation of melting, Vaporization, and evaporation by molecular model • Evaporation • Rate of evaporation • Application of evaporation • Sublimation and deposition **1 DEFINE:** **a)** latent heat b) evaporation c) sublimation d) deposition 2.-**Answer the following questions** a) State three factors which affect the rate of evaporation of liquid. **b)** Describe the process of condensation and sublimation with examples. c) State three difference between evaporation and boiling. d) Why are volatile liquids such as alcohol and sprit stored in tightly closed bottles?	https://www.youtube.com/watch?v=Wvt9BDQOYP4

			e) What is dry ice? f)Why is cooling produce on evaporation of liquid? e) Explain with an example to demonstrate that when liquid evaporates , it takes heat from its surroundings. f) Give two appplication of evaporation. g) Describe an experiment to demonstrate the process of evaporation. h) What do you mean by sublimation? Give two examples of such substances which sublime. i) Explain why in hot summer days water remains cool in earthern pots. j) Wet clothes dry more quickly on a warm dry day than on a cold humid day, explain. **3. Give reasons.** a) Water in a dish evaporates faster than in a bottle. b) A patient suffering from high fever is adviced to put wet clothes strip on his forehead. c) The size of the napthalene ball decreases when left open. **4. Do Question A Page number15 and 16 in your book with pencil.**	
	CHEM	Ch - 1 : Matter	Modules: 1) Explanation of states of matter based on kinetic theory. 2) Inter-conversion states of matter, Law of Conservation of Mass, Important terms related to inter-conversion state of matter 1) Define: • Melting Point • Boiling Point • Evaporation • Sublimation • Inter-conversion of states of matter • Liquefaction	https://youtu.be/KvTb6N0dAW8 https://youtu.be/pCoPDxIAzWo

			2) Differentiate between: • Boiling and evaporation • Melting and boling Do Q.No. 1- 13 from Exercise in your notebook.	
	BIO	Ch - 2 : Reproduction in Plants	Module 1 Topic- Asexual Reproduction Q1. With a neat and labelled diagram explain binary fission in bacteria. Q2. Underline and memorize advantages and disadvantages of vegetative propagation Q3. Take a cross section of Onion bulb and locate different layers as given in Pg 17.	https://youtube/7zzp37y5DFg
			Module -2 Topic- Sexual Reproduction in plants Q1. With a neat and labelled diagram explain the internal structure of a typical flower. Q2. State the function of a flower. Q3. Define Pollination Q4. State the characteristics of wind pollinated flower.	https://youtube/HP21hlVjhWI
			Module-3 Topic – Fertilization Q1. With a flowchart explain Fertilization in Flowering plants. Q2. Define Fertilization.	https://youtube/3cnB7bnymnk
	HIST	Ch - 2 (History) : Foundation of the British Empire	Modules : 1) Portuguese in India 2) The Dutch in India 3) French East India Company I) Read the chapter thoroughly, mark all the keywords and learn the	https://www.youtube.com/watch?v=fQktE-YKlJg

			spellings. II)From 'Exercises' given at the end of chapter (pg-23):- Write the answers of A) Fill in the Blanks B) Match the following C) True/False, in your notebook.	
		Ch - 3 : (History) : Expansion of British Rule in South West and Central India	Modules : 1) Conquest of Mysore by the British 2) Subsidiary alliance system 3) Decline of the Marathas I) From 'Exercises' given at the end of chapter (pg-33):- Write the answers of A) Fill in the Blanks B) Match the following C) True/False, in your notebook.	https://www.youtube.com/watch?v=T2awYa-4ghU
	GEOG	Ch - 3 : Migration	Module – I Topic – Causes of migration Q1. Define: Migration. Q2. What are the causes of migration	https://youtu.be/FT1HbCKUkJ0
			Module – II Topic – Types of migration Q1. Differentiate between: Immigration and Emigration. Q2. Define: (a)Immigration (b)Emigration. Q3. Fill in the blanks: Hong Kong has many more _____ than _____.	https://youtu.be/uCpxj_kLfDY
			Module – III Topic – Impact of migration Q1. What are the advantages and disadvantages of migration? Q2. Define: Remittances. Q3. Give reason: Migration has positive impact on the home country.	https://youtu.be/wqaChhLsRyo

			Module – IV Topic – Drain Brain [Causes and Impact] Q1. Define: Brain drain. Q2. Causes of Brain drain. Q3. Impact of Brain drain. (Positive and Negative)	https://youtu.be/KUOk9jg1FlM



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