



# MODERN ACADEMY

PAISIYA LAXMIPUR DISTT - MAHARAJGAN

MOBILE NO. : 9919260304

## SUMMER HOLYDAY HOMEWORK CLASS XI (MATH / BIO) 2020 - 2021

NO.	SUBJECT	TOPIC
1	ENGLISH	1. Write an article on the present scenario of country suffering from COVID-19 and how it is affecting our economy.(300 words)
		2. Write a letter to the editor of the newspaper highlighting the condition of daily wage earners due to lockdown.(250 words)
		3. Explain the following poetic devices giving example of each : a) metaphor b) simile c) personification d) alliteration e) refrain
2	PHYSICS	1. Write short note on the following : a) Physics in relation to Maths. b) Physics in relation to Society. c) Fundamental forces: i) Gravitational Force. ii) Weak force. iii) Electrostatic force. iv) Strong force. d) Law of conservation of energy.
		2. Write detail history (Family background, Education, Awards and Research Work) of Vikram Sarabhai and Homi j. Bhabha the two great Physicist of India.
3	BIOLOGY	1. Prepare a project Report on any one of the following topics : a) 20 Medicinal Plants and their benefits b) 20 Economically important plants c) 20 Economically important insects d) Effect of mobile radiations on Honey Bees e) Structure of COVID-19 Corona Virus Malaria
4	CHEMISTRY	1. Make an investigatory project of "Study of acidity of fruits and vegetable juices."
		2 : Harmful effect of Plastic Slogan and poster writing on "Say no to Plastics". Imagine you have been asked by the government to develop a campaign "Say no to Plastics and give up plastic bags". Think about how you will convince people who have no science background about harmful effect of plastic. You can include following points:
		1. Use of plastics has increased in developing countries.
		2. Non-biodegradable nature of plastics.
		3. Harmful gases entracted after burning of plastics.
		4. Environmental effect of plastics.
		5. Pollution
Write a slogan and design a poster for your campaign.be conducted when school reopen.		
5	MATHMETICS	1. Make a chart of all formulas of chapter Trigonometry and bring it when School reopens, learn all formulas.
		2. Under the chapter 'Sequence and Series' topic Arithmetic Progression (AP), General terms and sum of n terms can be covered.
		3. Learn and write Mean and Median formulas done in G-10.

	Mr	4. Make a bar graph of number of affected people of COVID-19 of different countries for the data as per on 20th April, 2020.
		5. Oral test of trigonometry formulas shall
6	HINDI	1.HINDI Read the third chapter of Supplementary Book VITAN and solve all the questions.
		2. Write an essay /article/poem based on COVID19 (300 words) in Hindi and also make an album based on the essay

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**TEACHER**

DAS M N

ADITYA  
PANDEY

SHASHIKANT  
SHUKLA

SUVITHA S  
NAIR

AISHWARYA K S

