

CLASS	SUBJECT	TOPIC / CHAPTER	MODULE / ASSIGNMENT	REFERENCE LINKS
IX	ENG LANG	Essay writing		
	ENG LIT	The Merchant Of Venice (ACT 1 SCENE 1)	<p>Q1:- passage 1 (line 1-7) Antonio: In sooth _____ know myself. a) Who address these lines to whom? b) What does the words : 'in sooth' mean? c) What is intended by the sadness of Antonio? d) What does the word 'want wit' mean? e) Explain : "I have much ado to know myself."</p> <p>Q2:- Passage 2 (line 8-18) Salarino: your mind _____ Salanio _____ where sits the wind. a)What has Antonio just narrated that makes the speaker say that Antonio's mind is tossing on the ocean. b) Where are Antonio ships? How do these ships move? How do they present an impressive spectacle on the sea? c) How are Antonio's big ships compared with smaller ships? d) How would Salanio have behaved if he had ships at sea like those of Antonio what would have made him sad? e) Why would he be plucking the grass? What else would he be doing to console himself?</p> <p>Q3:- Essay writing (in not more than 350 words) write both the essays. a) Elaborate the significance of 'Time is money'. b)"Men and Women should be treated as equal".</p>	Web link:aplustopper.com blog.oureducation.in
	MATHS	Ch – 2 : Expansions	<p>Module 1:Applications of the special products:(a+b)² and (a-b)²,Ex-3.1:Q.no- 1 to 9 . Module-2:Expansion on (a)² -(b)²,Ex-3.1:Q.no- 10 to 13(subpart i) Module-3:Expansion on ,(a+b)(a-b),Ex-3.1:Q.no- 14,15 and 16.</p> <p>Module-4:Expansion on special products (a)³+(b)³and(a)³--(b)³,(x+a)(x+b)(x+c),Ex-3.1: Q.no- 17,18,20 and 21. Module-5: Expansion on (a)³+(b)³+(c)³=3abc (If a+b+c is not = to 0).Ex-3.1: Q.no- 26,27,29,30 and 31.</p>	

			Module-6: Expansion on $(x+1/x)^2$, $(a+b+c)^2$ and $(x)^3+(1/x)^3$, Ex-3.2: Q.no 1,2,5,10,15,26,29 and 33.	
		Ch : Factorisation	Module-1:Factorising by taking out common factors, Ex-4.1 Q.no 1,2,4 and 8. Module- 2:Factorising by grouping of terms. EX-4.2 :Q.no 1,3,6,9 & 11. Module-3:Factorisation based on difference of two squares, Ex-4.3:Q.no 1,2,3,6,10,13,16 and 19. Module-4:Factorisation of Trinomials of the form ax^2+bx+c . EX- 4.4 Q.no 1,2,4,9,12,13 and 15. Module-5 : Factorisation of sum or difference of two Cubes, Ex-4.5 :Q.no 1,3,7,8,10,12, and 13.	
	PHY	Ch - 1 : Measurement And Experimentation Module-3 Topic-Screw Gauge	Q.1. What is meant by pitch? Q.2. What do you understand by least count of a screw gauge? Q.3. State the purpose of ratchet in a screw gauge. Q.4. State one use of a screw gauge. Q.5. What is backlash error? Q.6. The circular head of a screw gauge is divided into 50 divisions and the screw moves 1mm ahead in two revolutions of the circular head.Find its (a) pitch and (b) least count	https://youtu.be/9vn2plONcRc
		Module-4 Topic-Simple Pendulum	Q.1. Define the terms: (a) oscillation, (b) amplitude, (c) frequency , and (d) time period as related to a simple pendulum. Q.2. What is a seconds' pendulum? Q.3. Name two factors on which the time period of a simple pendulum depend. Q.4. Name two factors on which the time period of a simple pendulum does not depend. Q.5. Find the length of a seconds' pendulum at a place where $g=10 \text{ ms}^{-2}$. Q.6. A simple pendulum completes 40 oscillations in one minute. Find its (a) frequency, (b) time period.	http://youtu.be/na_e87I9S_o
	CHEM	Ch – 1 : The Language of Chemistry <u>Module – 4 & 5</u> Topic → Relative Atomic mass,	Q.1) Balance the following equations: Exercise :1(C)-Q.8 Q.2) Calculate the percentage composition of various elements in Sodium Carbonate, Na_2CO_3 . (Given that the relative atomic masses of O=16, Na=23 and C=12)	https://youtu.be/pa5ZqagN4Bc

		<p>Molecular mass Percentage composition & Empirical Formula</p>	<p>. Q.3) Find the percentage mass of water in Epsom Salt $MgSO_4 \cdot 7H_2O$. (Given that the relative atomic masses of Mg=24, S=32, O=16 and H=1)</p> <p>Q.4) Give the empirical formula of : (a) Benzene(C_6H_6) (b) Glucose ($C_6H_{12}O_6$)</p> <p>Q.5) What is the valency of : (a) fluorine in CaF_2 (b) sulphur in SF_6</p> <p>Q.6) Calculate the relative molecular masses of the following compounds : (a) Cane sugar, $C_{12}H_{22}O_{11}$ (b) Ammonium sulphate . $(NH_4)_2SO_4$ (c) Copper sulphate crystals, $CuSO_4 \cdot 5H_2O$ (Given that the relative atomic masses of C=12, H=1, O=16, N=14, S=32, Cu=63.5)</p>	
		<p><u>CHAPTER-2 :</u> <u>Chemical Changes and Reactions</u></p> <p>1. Chemical Change or Chemical Reactions, Necessary conditions for chemical change. 2. Characteristics of chemical reactions.</p>	<p>1) Do all questions of exercise 2(A) in your notebook.</p>	<p>https://youtu.be/rCdPmpZds2Y</p>
	<p>BIOLOGY</p>	<p>Ch.3 Flower</p> <p><u>Module 1.</u> Topics: *Structure of Flower *Complete and incomplete flower *Sexuality in flower</p>	<p><u>Assignment</u></p> <p>Q1.Draw a well labelled diagram of Structure of a flower.Give the function of each of its whorl.</p> <p>Q2.What are Bracts?</p> <p>Q3.Differentiate between: a)Essential and Non-essential parts of a flower</p>	<p>https://youtu.be/jJ5K78_TIEY</p>

		<p>b)Petals and petaloid c)Unisexual and bisexual flower</p> <p>Q4.Where are nectaries situated?</p>	
	<p><u>Module 2.</u></p> <p>Topic: General description of a flower</p>	<p><u>Assignment</u></p> <p>Q1.Differentiate between: a)Flower and Inflorescence b)Placenta and Placentation</p> <p>Q2.Give the function of Sepals.</p> <p>Q3.Explain the terms Monoadelphous, Diadelphous and Polyadelphous</p> <p>Q4.Name the physiological process performed by Sepals, being green in c</p>	<p>https://youtu.be/B_LPBMySqRM</p>
	<p><u>Module 3</u></p>	<p>Question and discussion</p>	
<p>GEOG</p>	<p>Ch – 3 : Motions Of The Earth : Rotation And Revolution</p> <hr/> <p>Module – I</p> <p>Topic – Rotation</p>	<p>Q1. Define: (a) Axis (b) Circle of illumination</p> <p>Q2. Answer the following questions in brief:</p> <p>(a) What is rotation. (b) Mention any two effects of rotation. (c) Which movement of the earth causes day and night?</p>	<p>https://youtu.be/MjR3Ko_h3iM</p>
	<p>Module – II</p> <p>Topic – Revolution</p>	<p>Q1. Define: (a) Orbit (b) Revolution (c) Perihelion (d) Aphelion (e) Leap year</p> <p>Q2. Differentiate between: (a) Rotation and Revolution. (b) Perihelion and Aphelion.</p> <p>Q3. Give reasons: (a) Every fourth year has an extra day. (b) Poles experience 6 months days and nights. (c) Days and nights are not equal throughout the world.</p>	<p>https://youtu.be/cGhu5jhCh7Y</p>

		Module – III Topic – Equinox and Solstice	<p>Q1. Define:</p> <p>(a) Equinox (c) Solstice (b) Tropics (d) Orbit</p> <p>Q2. Differentiate between: Equinox and Solstice.</p> <p>Q3. Give important dates for the following:</p> <p>(a) Equal days and nights all over the world. (b) The longest day in northern hemisphere.</p> <p>Q4. Draw neat and labelled diagram to show summer solstice.</p>	https://youtu.be/SCm5ws87uyY
	HIST	<p>Ch - 3 : (History) : The Later Vedic Age</p> <p>Modules :</p> <p>1) Sources to reconstruct the Later Vedic Age</p> <p>2) Comparative study of Early & Later Vedic Society</p>	<p>I) From ‘Exercises’ (Given at the end of chapter)</p> <p>Question No : 1 to 6</p> <p>(Answers should be in bullets and not in paragraphs)</p> <p>II) From ‘Structured Questions’ (Given at the end of chapter)</p> <p>Question No : 2 (Each point of the answer should be written in bullets and not as a complete paragraph)</p>	https://www.youtube.com/watch?v=jyOrHE19r9k
		<p>Ch-3 (History) : The Later Vedic Age</p> <p>Modules :</p> <p>1) Comparative study of Early & Later Vedic Economic Life</p> <p>2) The Importance of the Epics</p>	<p>I) From ‘Exercises’ (Given at the end of chapter)</p> <p>Question No : 7 to 11</p> <p>(Answers should be in bullets and not in paragraphs)</p> <p>II) Make a table and list the differences between ‘Early Vedic Age’ & ‘Later Vedic Age’ on the basis of the following factors: a)Society b)Economic Life</p>	https://www.youtube.com/watch?v=6XTAjk30FWw&t=419s
	COMM ST	<p>Ch – 05 : Sole Proprietorship and HUF</p> <p>Module 01 : Meaning and features of Sole Proprietorship business</p>	<p>Short Answer Questions.</p> <p>Q. What is sole Proprietorship ?</p> <p>Q. State three characteristics of Sole proprietorship.</p> <p>Q. Mention two limitations of Sole proprietorship. ?</p>	https://youtu.be/Te1K7AEi4_4

		<p>Module 02 : Merits and demerits of Sole proprietorship. LINK</p> <p>Module03: Hindi Undivided Family business.</p>	<p>Long Answer Questions. Q. Give the main feature of sole proprietorship ? Q. "One man control is the best if the man is able to manage everything." Discuss. Q. What is Hindi undivided family business? Q. Explain the characteristics of Joint Hindu Undivided Family business. Q. Distinguish between Sole proprietorship and Joint Hindu Undivided Family business.</p>	<p>https://youtu.be/2x0lB1bPDJs</p> <p>https://youtu.be/TB3PFAkDDGU</p>
		<p>Ch - 6 : Partnership</p> <p>Module 01 : Meaning and features of Partnership</p> <p>Module 02: Merits and demerits of partnership.</p>	<p>Short Answer Questions. Q. Define Partnership. Q. What is Partnership deed? Q. What is nominal partner? Q. What do you mean by limited partner?</p> <p>Long Answer Questions. Q. Discuss the Merits and demerits of partnership business. Q. What is partnership? Explain the features of partnership? Q. Distinguish between partnership and Sole proprietorship business.</p>	<p>https://youtu.be/UYBozaBZVgQ</p> <p>https://youtu.be/OCCcJNR7Ric</p>

Rakshmi

DIRECTOR ACADEMICS