



Class	Subject	Chapter	Topic	Web link
X	ENGLISH LANG	COMPREHE NSION Date: 5.08.2021	<p>Read the passage carefully and answer the questions that follow:</p> <p>One of the small boys was Ha'penny, and he was about twelve years old. He came from Bloemfontein and was the biggest talker of them all. His mother worked in a white person's house, and he had two brothers and two sisters. His brothers were Richard and Dickie, and his sisters Anna and Mina.</p> <p>"Richard and Dickie?" I asked.</p> <p>"Yes, sir."</p> <p>"In English," I said, "Richard and Dickie are the same name."</p> <p>When we returned to the reformatory, I sent for Ha'penny's papers; there it was plainly set down. Ha'penny was a waif, with no relatives at all. He had been taken from one home to another, but was naughty and uncontrollable, and had eventually taken to pilfering at the market.</p> <p>I then sent for the Letter book, and found that Ha'penny wrote regularly, or rather that others wrote for him till he could write himself, to Mrs Better Maarman, of 48 Vlak Street, Bloemfontein. But Mrs Maarman had never once replied to him. When questioned, he had said,</p> <p>perhaps, she is sick. I sat down and once again wrote to the Social Welfare Officer at Bloemfontein, asking him to investigate.</p> <p>The next time I had Ha'penny out in the car I questioned him again about his family. He told me the same as before, his mother Richard and Dickie, and Anna and Mina. But softened the the "D" of Dickie, so it now sounded like Tickie.</p> <p>"I thought you said Dickie," I said.</p> <p>"I said Tickie," he said.</p> <p>He watched me with concealed apprehension, I came to the conclusion that the waif of Bloemfontein was a clever boy, who had told me a story that was all imagination, and had changed one single letter to make it safe from any question. And I thought that I understood it too, that he was ashamed obeing without a family and had invented them all, so that no one might discover that he was motherless and fatherless</p>	<p>https://englishforeveryone.org/Topics/Reading-Comprehension.html</p>

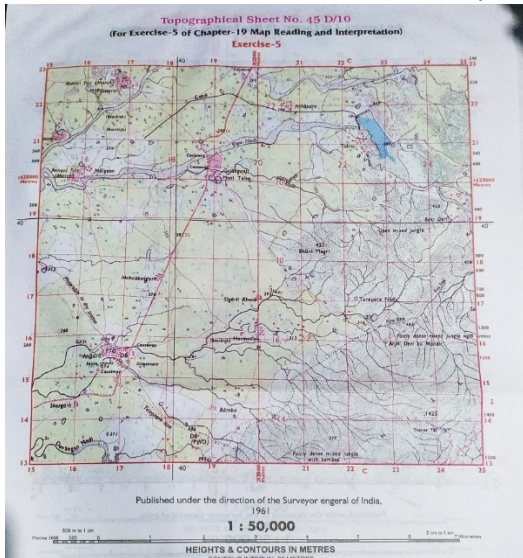
			<p>and no one in the world cared whether he was dead or alive.</p> <p>This gave me strong feelings for him, and I went out of my way to manifest towards him that fatherly care that the State, though not in those words, had enjoined upon me by giving me this job.</p> <p>(a) Give the meanings of each word as used in the passage. One word answers or short phrases will be accepted.</p> <p>(i) waif (ii) pilfering (iii) concealed</p> <p>(b) Answer the following questions briefly:</p> <p>(i) How old was Ha'penny? Where was he from?</p> <p>(ii) What do you know about his family?</p> <p>(iii) What did the narrator come to know about Ha'penny when he sent for his papers?</p> <p>(iv) What did the Letter book reveal about him?</p> <p>(v) What conversation took place between the narrator and Ha'penny when he took him out in the car?</p>	
		<p>Argumentative Composition</p> <p>9.08.2021</p>	<p>Topic:</p> <p>Science is a good servant, but a bad master. Express your views either for or against this statement.</p>	<p>https://youtu.be/Pf7yvwfCJUo</p>
		<p>Test Paper 8</p> <p>Date:</p> <p>12.08.2021</p>	<p>Complete the Test Paper in the book.</p> <p>Pg No. 132,133,134,135,136,137</p>	<p>https://www.englishpractice.com/grammar/rewrite-directed-2/</p>
	Eng Lit	<p><u>Merchant of Venice</u></p> <p><u>Act IV</u></p> <p><u>Scene 1</u></p>	<p>Extract:</p> <p>Shylock :</p> <p>Is that the law?.....</p> <p>.....</p> <p>Bassanio:</p> <p>Here is the money.</p> <ol style="list-style-type: none"> 1. What is the law as interpreted by Portia just before this extract? 2. 'Thou shalt have justice, more than thou desirest.' What kind of justice is Shylock going to have? 3. Why does Gratiano rejoice by repeating the words 'O learned judge'? 4. When the money is being offered by Bassanio what does Portia say by declining the offer? 	<p>https://youtu.be/TallV4UGPQw</p> <p>https://youtu.be/ielSFrktsi4</p>

			समृद्धि प्राप्त ?		
		ज्ञ स्क	ज्ञ स्क प्र - " क्ष रू श्र " ? ? क्ये ? ? स्ते क्ये रू ? ? ते क्ये ? ? व्यक्ति ? ? त क्ये ? प्र - " स्य ? ? ? स्व स्य ? ? दृश्य क्ये ? ? स्क क्ये ?		
MATHS	MATRICES 02.08.2021 04.08.2021	EX 8.2 Q. NO. 1, 3, 4, 5, 6,7, 9, 10,11, 13, 15. Ex 8.3 Q. no. 1, 3, 5, 8, 10, 14, 15 Ex 8.3 Q.no. 17, 18, 22, 26, 28, 29, 31, 33, 35 Also solve all the examples.		https://youtu.be/UzX-ZP5qwsY https://youtu.be/LYCvb5OtlhE https://youtu.be/1BlmGkFF8t8	
	ARITHMETIC PROGRESSIO N 08.08.2021 11.08.2021 14.08.2021	MODULE: nth term in AP EX 9.2 Q. No. 1, 3, 5, 6, 7, 11, 13, 15, 16, 19, 21. MODULE: sum of n terms in AP EX 9.3 Q.No. 1, 2, 4, 5, 6, 7, 10, 11, 14, 15,16. Solve all examples.		https://youtu.be/6bQrwqe8XTo https://youtu.be/ihijxpDE4xl https://youtu.be/pb78E5JOEbQ	

PHYSICS	<p>SPECTRUM</p> <p>06.08.2021</p> <p>08.08.2021</p> <p>SOUND</p> <p>11. 08. 2021</p> <p>14.08.2021</p>	<p>Module: Spectrum</p> <p>Ex. 6(A) Q. No. 1, 2, 4, 5, 9, 10, 13, 15, 16, 17, 19, 20.</p> <p>Module: Electromagnetic Spectrum Ex 6(B) Q. No. 1, 2, 3, 5, 7, 9, 11, 16, 19, 20, 22, 24, 25, 28.</p> <p>Module: Echoes Ex 7(A) Q. No. 3, 4, 5, 6, 7, 9, 12, 13,16.</p> <p>Module: Vibrations & Resonance Ex 7(B) 3, 5, 7, 10, 15, 18, 22, 24, 26, 27, 29, 30.</p>	<p>https://youtu.be/llVlnK3UZrM</p> <p>https://youtu.be/yjXzcqh2Ht8</p> <p>https://youtu.be/uBbLX-XZbx8</p> <p>https://youtu.be/M0-XbZVNpBA</p> <p>https://youtu.be/5QMDdwxQrP0</p>
Chemistry	<p>Nitric acid</p> <p>Mole Concept</p>	<ol style="list-style-type: none"> Give the equations for the following Formation of nitric acid in atmosphere. Laboratory preparation of nitric acid. Manufacture of nitric acid. Give reasons: Nitric acid cannot be concentrated beyond 68% by boiling. Nitric acid turns yellow when left in ordinary reagent bottle. All glass apparatus is used in the preparation of nitric acid. Freshly prepared ferrous sulphate is used for the brown ring test. Dilute nitric acid is a typical acid but not so in the reaction with metals. State your observation Action of heat on ammonium nitrate. Action of heat on zinc nitrate Sodium nitrate is heated in a test tube Copper nitrate is heated. Freshly prepared ferrous sulphate is mixed with nitric acid, then conc. Sulphuric acid is added dropwise. 	<ol style="list-style-type: none"> A gaseous hydrocarbon contains 82.76% carbon. Given that its vapour density is 29, find its molecular formula

			<p>2. A compound is formed by 24 g of 'X' and 64 g of oxygen. Atomic mass of X is 12 and O is 16. Calculate the simplest formula.</p> <p>3. Percentage composition of a salt is Na= 29.11%, S= 40.51%, rest is oxygen . Calculate the empirical formula.</p> <p>4. Calculate the molecular formula of a compound whose empirical formula is CH₃ and V.D = 30.</p> <p>5. A compound contains C= 26.7%, O= 71.1%, H=2.2%. If V.D = 45 , find out its empirical formula and molecular formula.</p> <p>6. Calculate the percentage of water of crystallisation in FeSO₄.7H₂O.</p> <p>7. Find the percentage of</p> <p>i. Oxygen in Magnesium nitrate crystal Mg(NO₃)₂.6 H₂O</p> <p>ii. Boron in Na₃B₄O₇.10 H₂O.</p>	
	BIOLOGY	<p>Ch – 9 :</p> <p>THE EXCRETORY SYSTEM</p> <p>2.8.21</p>	<p>1. What is excretion?</p> <p>2. Why is excretion necessary?</p> <p>3. What are the substances to be eliminated from our body?</p> <p>4. How urea is excreted out from our body?</p> <p>5. How bile pigments are formed?</p>	<p>https://youtu.be/VxRRROAJpho?t=1218</p>
		<p>4.8.21</p> <p>7.8.21</p> <p>9.8.21</p>	<p>1. Name the organs in human beings by which excretion is brought about.</p> <p>2. Name the organ which detoxifies ammonia by converting it to urea.</p> <p>3. Give two examples of the following:</p> <p>(i) Nitrogenous waste</p> <p>(ii) Bile pigments.</p> <p>(iii) Main excretory organs.</p> <p>(iv) Accessory excretory organs.</p> <p>(v) Water soluble vitamins.</p> <p>4. Define the following:</p> <p>(a) Excretion</p> <p>(b) Kidney</p> <p>(c) Micturition</p> <p>(d) Osmoregulation</p> <p>5. Differentiate between the following pairs of terms:</p> <p>(a) Bowman's capsule and Malpighian capsule (structure)</p> <p>(b) Diuresis and Uremia (Cause and problems)</p> <p>(c) Renal cortex and Renal Medulla (Location and appearance)</p> <p>(d) Renal Pelvis and Renal Papilla (Structure)</p> <p>(e) Urea and Urine</p> <p>(f) Excretion and Secretion (Utility)</p>	<p>https://youtu.be/zAczdDFyglA?t=23</p>

		<p>11.8.21</p> <p>6. Give Reasons: (a) Excretion is a necessary process of our body. (b) If we donate one kidney to a needy person it would not cause any harm to us. (c) We urinate fewer times in summer than in winter and the urine passed is generally thicker.</p> <p>7. What is Uriniferous tubule? How does it function? 8. Why it is necessary to maintain a normal osmotic concentration of the blood? 9. Explain the terms Ultrafiltration and selective absorption. 10. What is dialysis? Under what condition it is carried out?</p>	<p>https://www.youtube.com/watch?v=US0Pxh7KYOA</p>
		<p>14.8.21</p> <p>STRUCTURE OF A KIDNEY TUBULE</p> <p>1. Page no 121 E QNO.1,2,3,4 & 5 2. What are the abnormal constituents of urine? 3. How Kidney stones are formed? 4. What are the physical properties of the Urine? 5. What is Diabetes insipidus? How it is caused? 6. What do you mean by Albuminuria? 7. What is tubular secretion? 8. Draw the diagram of uriniferous tubule and name its different parts.</p>	<p>https://www.youtube.com/watch?v=k0_XD4jPEo8</p>
	HISTORY / CIVICS	<p>CH – 14 UNITED NATIONS (02.08.2021)</p> <p>1. Mention any two objectives of the United Nations. 2. Name the four Principal organs of United Nations. 3. Who constitute the UN General Assembly? 4. Mention two Electoral functions of the UN General Assembly. 5. Name the Executive Organ(Enforcement Wing) of the United Nations.</p>	<p>https://www.youtube.com/watch?v=4PnwHs803PI</p>
		<p>CH – 14 UNITED NATIONS (05.08.2021)</p> <p>6. What is the main responsibility of the UN Security Council? 7. Name the five Permanent Members of the Security Council. 8. How are the Non-Permanent Members of the Security Council elected? 9. What is the term of office of the Non-Permanent Members of the Security Council? 10. Mention any two functions of Security Council.</p>	<p>https://www.youtube.com/watch?v=cvh8UcA-Ur4</p>
		<p>CH – 14 UNITED NATIONS (07.08.2021)</p> <p><u>11.STRUCTURED QUESTION:</u> The International Court of Justice is the principal Judicial Organ of the United Nations. In this context explain the following: a) Its Composition b) Its Compulsory Jurisdiction c) Its Voluntary Jurisdiction d) Its Advisory Function</p>	

		<p>CH-15 MAJOR AGENCIES OF THE UNITED NATIONS (09.08.2021)</p>	<p>12. Write the full form of the following: i. UNICEF ii. WHO iii. UNESCO 13. Mention any three functions of UNICEF. 14. Mention any four functions of WHO.</p>	<p>https://www.youtube.com/watch?v=QPRZPPn3bAo</p>
		<p>CH-15 MAJOR AGENCIES OF THE UNITED NATIONS (12.08.2021)</p>	<p>15.STRUCTURED QUESTION: UNESCO seeks to broaden the base of education, to bring benefits of science to all countries and to boost cultural interchange. In this context describe: a) Three of its functions in the field of Education. b) Three of its functions in the field of Science c) Three of its functions in the field of Culture.</p>	<p>https://www.youtube.com/watch?v=ygrCVkJ58Ss</p>
GEOG	SURVEY	<p>STUDY SHEET NO-45D/10</p>  <p>Topographical Sheet No. 45 D/10 (for Exercise-5 of Chapter-19 Map Reading and Interpretation) Exercise-5</p> <p>Published under the direction of the Surveyor General of India, 1961 1 : 50,000 HEIGHTS & CONTOURS IN METRES (CONTOUR INTERVAL 20 METRES)</p>		<p>https://youtu.be/viYX_DA1dWY</p>
		<p>Sheet no-45D/10.(Refer topographical sheet given at the end of the book where easting is 15-25 and northing is 13-23)</p> <p>1. Answer the following questions:- a) Give the four figure grid reference of - i) settlement Malgaon ii) settlement Anadra b) Name any two type of vegetation found in the given map extract. c) Identify the drainage pattern in- i) grid 2217 ii) grid 2218 d) Name the largest settlement. Give an evidence to support your answer? e) What do you mean by Fire line? f) Define- i) Contour Interval</p>		

			<p>ii) Scale iii) Representative Fraction g) What is the main occupation carried on in this region? Give an evidence to support your answer. i) Mention a social activity of people living in Malgaon. k) Mention one man made and one natural feature in grid 1615.</p> <p>2. Define the following-</p> <p>a) Causeway b) Broken ground c) Dep d) Brackish e) Confluence f) Contour g) Form lines</p>	
	Comp Appl.	DECISION MAKING AND LOOPING	<ol style="list-style-type: none"> 1. WAP to check whether two numbers entered by the user belong to the set of Amicable Pair or not. Two numbers are said to be Amicable Pair if the sum of factors of the 1st excluding the number is equal to the 2nd number and the sum of factors of the 2nd number excluding itself is equal to the 1st E.g. 220 and 284 2. Write a program to check whether the number entered by the user is a UNIQUE INTEGER or not. A UNIQUE INTEGER is one that has no repetition of digits. i.e. all the digits are distinct and appears only once. For e.g. 1234, 65234 etc... whereas digits like 1000, 65536, 121 are not. 3. WAP to check whether a number entered by the user is an Evil number or not. An Evil number is one whose Binary counterpart has even number of ones. E.g. 10, as the binary of 10 is 1010 which has 2 ones (hence Evil), whereas numbers that has Odd number of 1's are called Odious numbers 4. WAP to generate the Tribonacci Series. E.g. 0, 1, 1, 2, 4, 7, 13... A Tribonacci series is one whose every 4th term is the sum of 1st, 2nd and 3rd terms. 5. Write a menu driven program to calculate and print Volume of Sphere, Volume of Cylinder, Volume of Cone according to user choice 6. Write a program to calculate and display sum of series given below $\text{sum} = 1*y^2/1! + 2*y^4/2! + 3*y^6/3! + 4*y^8/4! \dots \text{till } 10 \text{ terms}$ 	

Eco Appl.	Chap 6- Forms of Market Structure: Basic Concepts.	<p>I. Answer in brief :</p> <p>Q1. State two important features of perfect competitive market?</p> <p>Q2. What is meant by market in economics ? Give its two main features .</p> <p>Q3. Define perfect competitive market. Give one example.</p> <p>Q4. Producer in a monopoly market is price-maker.</p> <p>Q5. What is price discrimination under monopoly market ? Give examples.</p> <p>II. Answer in detail :</p> <p>Q1. Define perfectly competitive market and explain its characteristics features.</p> <p>Q2. Explain why uniform price exists in a perfectly competitive market .</p> <p>Q3. What is monopoly market? Explain the important characteristics of a monopoly market.</p> <p>Q4. Distinguish between perfectly competitive market and monopoly market.</p> <p>Q5. What is monopolistically competitive market? How is it different from perfectly competitive market?</p>	https://youtu.be/wQuxx64W6f8 https://youtu.be/Alu-8zXVmAE
Commercial Studies	Chap -11 Recruitment Selection and Training.	<p>II. Answer in brief:</p> <p>Q1. What is meant by recruitment?</p> <p>Q2. How is recruitment different from selection ?</p> <p>Q3. Mention any two objectives of training ?</p> <p>Q4. List two main objectives of orientation training?</p> <p>Q5. Name four important methods used for training?</p> <p>Q6. Explain two effects of faulty selection of employees ?</p> <p>Q7. State two disadvantages of internal recruitment?</p> <p>Q8. Mention any two methods of off- the -job training?</p> <p>Q9. Mention any four sources of external recruitment?</p> <p>Q10. What is promotional training?</p> <p>II. Answer in detail:</p> <p>Q1. Give five difference between Training and Education?</p> <p>Q2. What do you understand by performance appraisal? Explain its purposes.</p> <p>Q3. Explain any five steps in the selection process of employees ?</p> <p>Q4. What is induction training? Is it same as on the job training.</p> <p>Q5. Explain any two internal sources of recruitment?</p>	https://youtu.be/i2-4eGgn8el