



Class	Subject	Chapter	Topic	Web link
IX	ENGLISH LANG	Preposition s	<p><b>Fill in the blanks with appropriate words:</b></p> <ol style="list-style-type: none"> <li>1. He is suspicious ----- all his neighbours.</li> <li>2. He has a passion — arguing</li> <li>3. Recently there has been a reduction — the price of milk.</li> <li>4. He proved false ----- his friend.</li> <li>5. The area of a square may be equal ---- to that of a triangle.</li> <li>6. The avaricious man is greedy — gain.</li> <li>7. He is very different — her sister</li> <li>8. The head-dress of the Cossacks is similar — that of the ancient Persians.</li> <li>9. He was born — humble parents In Nagpur.</li> <li>10. Her views do not accord — mine</li> </ol>	<a href="http://www.icsepapers.com/blog/Prepositions9">http://www.icsepapers.com/blog/Prepositions9</a>
		Tenses	<p><b>Fill in the blanks with correct form of the verbs:</b></p> <p>I _1_ (know) that it was my sister's voice.  I _2_ (rush) into the corridor. By the light of the corridor lamp, I ___3___ ( see) my sister at the door of her room. Her face was pale with terror and her hands_4___(grope) for help. Her whole figure _5_(sway) unsteadily. I ran to her and ___6_(throw) my arms around her, but her knees_7_(give) way and she _8_(fall) to the ground.</p>	<a href="https://toistudent.ti mesofindia.indiatimes.com/news/mockpapers/class-x-icse-english-mockpaper/13751.html">https://toistudent.ti mesofindia.indiatimes.com/news/mockpapers/class-x-icse-english-mockpaper/13751.html</a>
		Do as Directed	<p><b>Rewrite the following sentences according to instructions given after each:</b></p> <ol style="list-style-type: none"> <li>1. I have never seen such a mess. (Begin with never)</li> <li>2. He had hardly sat down to rest when someone knocked on the door. (Begin with hardly)</li> <li>3. It is not compulsory that you should attempt all questions. (Rewrite using need not)</li> <li>4. You are obliged to obey your parents. (Rewrite using 'ought to')</li> </ol>	<a href="https://www.englishpractice.com/grammar/rewrite-directed-2/">https://www.englishpractice.com/grammar/rewrite-directed-2/</a>

			<p>5. It is necessary for him to attend the meeting. (Rewrite using must.)</p> <p>6. We are interested in your offer, and we would be glad to have prices as soon as possible. (Insert indeed)</p> <p>7. Gandhi is one of the greatest men of the world. (Insert indeed)</p> <p>8. As soon as she heard the news she fainted. (Rewrite using ‘No sooner ...than’)</p> <p>9. I had hardly closed my eyes when the telephone rang. (Begin with hardly.)</p>	
		<b>Active and Passive Voice</b>	<b>Total English Book – Class 9 Chapter 9</b> Pg 144 (Assignment)	<a href="https://www.youtube.com/watch?v=41q7qA5L3Ks">https://www.youtube.com/watch?v=41q7qA5L3Ks</a>
		<b>Letter Writing</b>	You have been watching television and feel that T.V serials are quite dull. Write a letter to the Media Head of a leading entertainment channel, stating the kind of programmes you like to watch, and suggesting ways to make them both instructive and entertaining.	<a href="https://www.youtube.com/watch?v=U17q5qeLEw8">https://www.youtube.com/watch?v=U17q5qeLEw8</a>
	<b>ENGLISH LIT</b>	<b>Act 2, Scene 2</b>	<p><b>Read the following extracts and answer the questions that follow:</b></p> <p><i>Well, my conscience says, “ Launcelot, budge not.....is the devil himself.</i></p> <p>1. Who is Launcelot Gobbo? What inner struggle is going on in his conscience? What does his struggle show about the contemporary Christian practice?</p> <p>2. Why does Launcelot want to run away from the Jew? What does his conscience advise him to do?</p> <p>3. Enumerate the reasons given by Launcelot’s conscience to stay on with the master.</p> <p>4. How is the theme of conflict between the good and the evil shown in this scene?</p>	<a href="http://icsehub.com/Act-2-Scene-2/">http://icsehub.com/Act-2-Scene-2/</a>
		<b>Act 2, Scene 2</b>	<p><b>Read the following extracts and answer the questions that follow:</b></p> <p><i>Ergo, master Launcelot.....a staff or a prop? Do you know me father?</i></p> <p>1. Why does Launcelot use high-sounding words in his conversation with Gobbo? What does Shakespeare want to convey to the audience in this context about the habit of some people in his time?</p>	<a href="http://icsehub.com/Act-2-Scene-2/">http://icsehub.com/Act-2-Scene-2/</a>

			<p>2. Why does Launcelot call old Gobbo ‘father’ in the first line of the extract? Give the meaning of : According to Fates and Destinies, and such odd sayings, the Sisters Three and such branches of learning,</p> <p>3. How does Launcelot show dramatically that he is Gobbo’s son? Why does the former refer to his mother’s name in the context?</p> <p>4. Give any two humorous situations from this scene.</p>	
		<p><b>Act 2, Scene 3</b></p>	<p><b>Read the following extracts and answer the questions that follow:</b></p> <p>I am sorry thou wilt leave my .....see me in talk with thee.</p> <p>1. Give reasons for Launcelot’s leaving Jessica’s house.</p> <p>2. Give the meaning of: “Our house is hell, and thou, a merry devil, Didst rob it of some taste of tediousness.”</p> <p>3. What errand does Jessica give to Launcelot? What precautions does she ask him to take while doing the errand?</p> <p>4. How does Jessica show herself as a scheming but prudent young lady? In what way is her character different from that of Portia?</p>	<p><a href="https://www.extramarks.com/study-material/icse-class-9/english-the-merchant-of-venice-act-2-scene-3">https://www.extramarks.com/study-material/icse-class-9/english-the-merchant-of-venice-act-2-scene-3</a></p>
		<p><b>Act 2, Scene 3</b></p>	<p><b>Read the following extracts and answer the questions that follow:</b></p> <p>But, adieu: these foolish.....become a Christian, and they loving wife!</p> <p>1. How does Launcelot bid farewell to Jessica? In this context, what are your feelings for Launcelot, Jessica and Shylock?</p> <p>2. Why does Jessica regret being the daughter of Shylock? What is the ‘heinous sin’ referred to in the extract? Is it really a sin? Give reasons to justify your answer.</p> <p>3. Give the meaning of : But though I am a daughter to his blood, I am not to his manners.</p> <p>4. Which promise has Lorenzo to keep? Describe the strife that Jessica is going to end.</p>	<p><a href="http://icsehub.com/Act-2-Scene-3/">http://icsehub.com/Act-2-Scene-3/</a></p>

			5.Explain Jessica’s relationship with her father which is shown in the scene.	
	<b>HINDI LANG</b>	<b>वाक्य - शुद्धिकरण, मुहावरे</b>	<b>वाक्य शुद्धिकरण :-</b> <ol style="list-style-type: none"> <li>1. उसने यह बात सुनकर हँस दिया।</li> <li>2. भाग्यहीन मनुष्य को सब सताता है।</li> <li>3. मं आपका दर्शन के लिए आया हूँ।</li> <li>4. कितनी अच्छी वषां हो रही है।</li> <li>5. महिलाओं लड़ रही है।</li> <li>6. मेरे से यहाँ नहीं बैठा जाता।</li> <li>7. कुछ बाहर आया है उसे अंदर बिठाओ।</li> <li>8. हम हमारे घर जा रहे हं।</li> <li>9. मं तुम्हारे घर गया था पर आप वहाँ नहीं थे, इसलिए लौट आए।</li> <li>10. सुशीला बहुत विद्वान कन्या है।</li> </ol> <b>मुहावरे:-</b> <ol style="list-style-type: none"> <li>1. अंग - अंग ढीला होना -</li> <li>2. आँखों का तारा -</li> <li>3. आकाश - पाताल क करना -</li> <li>4. ईद का चाँद -</li> <li>5. उन्नीस - बीस का अंतर -</li> <li>6. कान खड़े करना -</li> <li>7.खाक छानना -</li> <li>8. घर सिर पर उठाना -</li> <li>9. घात लगाना -</li> <li>10. चम्पत होना -</li> </ol>	
	<b>MATHS</b>	<b>Ch 20 : Statistics :</b>  <b>Graphical representati on of Statistical data , Bar graph , Histogram, Frequency Polygon</b>	<b>Exercise 20.3</b>  <b>Qn 2,3,4,6,9,11,,13,15,17,19,20</b>	<a href="https://youtu.be/cq11EqV9Yas">https://youtu.be/cq11EqV9Yas</a>  <a href="https://youtu.be/vL5JPwM2bq4">https://youtu.be/vL5JPwM2bq4</a>  <a href="https://youtu.be/7HI-wuOwVGU">https://youtu.be/7HI-wuOwVGU</a>  <a href="https://youtu.be/6H4juL7RD8">https://youtu.be/6H4juL7RD8</a>



9-8-21

Density, Relative density, Principle of floatation

- Q1) How does the density of material of a body determine whether it will float or sink in water?
- Q2) It is easier to lift a heavy stone under water than in air. Explain.
- Q3) State the Archimedes' principle.
- Q4) Define the term density.
- Q5) Express the relationship between the C.G.S. and S.I. units of density.
- Q6) How are the (i) Mass, (ii) Volume and (iii) Density of a metallic piece affected, if at all, with an increase in temperature?
- Q7) What do you understand by the term relative density of a substance?
- Q8) State the principle of floatation.
- Q9) Explain why an iron nail floats on mercury, but it sinks in water.
- Q9) A block of wood is so loaded that it just floats in water at room temperature. What change will occur in the state of floatation, if
- (a) Some salt is added to water, (b) Water is heated?

Application of principle of floatation

Numericals 5A Page 105 (2,4,5,7,10)

A man first swims in sea water and then in river water.

(i) Compare the weights of sea water and river water displaced by him.

(ii) Where does he find it easier to swim and why?

Give reasons..

1) An iron nail sinks in the water while an iron ship floats on water. Explain the reason.

2) A piece of ice floating in a glass of water melts, but the level of water in the glass does not change.

3) A loaded cargo ship sails from sea water to river water. List your observations.

4) Icebergs floating in sea are dangerous for ships.

5) An egg sinks in fresh water, but floats in a strong salt solution.

6) Toy balloons filled with hydrogen rise to the ceiling, but if they are filled with carbon dioxide, then they sink to the floor.

7) A balloon filled with hydrogen rises to a certain height and then stops rising further

8) A ship submerges more as it sails from sea water to river water.

9) A ship submerges more as it sails from sea water to river water.

<https://youtu.be/JFBiwZ8Xusg>

<https://youtu.be/1Gs-vbd80OM>

			<p>Ch - 5 : Upthrust in fluids and Archimedes Principle  Topics: Numericals 5B  Page 111  (2, 5, 6, 7, 9, 10, 13, 15, 16)  Numericals 5B  Page 111  (2, 5, 6, 7, 9, 10, 13, 15, 16)  Ch - 5 : Upthrust in fluids and Archimedes Principle  Topics: Numericals 5C  Page 118  (2, 4, 6, 8, 9)  Numericals 5C  Page 118  (2, 4, 6, 8, 9)</p>	
	<b>Chemistry</b>	<b>Periodic Table</b>	<p>Module 1.</p> <ol style="list-style-type: none"> <li>1. Name four alkali metals?</li> <li>2. State Dobereiner law of triads?</li> <li>3. Where would you expect to find calcium atomic no 20 in the periodic table and why?</li> <li>4. Write three reasons for discarding the law of triads</li> <li>5. State the merits of Mendeleev’s classification of elements.</li> </ol>	
			<p>Module 2</p> <ol style="list-style-type: none"> <li>1. What is the number of elements in the: <ol style="list-style-type: none"> <li>a. first period</li> <li>b. Third period of the modern periodic table.</li> </ol> </li> <li>2. Name the first three alkaline earth elements.</li> <li>3. Name the gas used in <ol style="list-style-type: none"> <li>a. fillings balloons</li> <li>b. light bulbs</li> <li>c. bright coloured advertising light works</li> </ol> </li> </ol>	
	<b>Biology</b>	<b>2.8.21</b>	<p>N.B. All the assignments have to be done in the copy. their chemical equations.  <b>I. Define:</b>  1.Respiration  2.Inflorescence  3.Neuter flower  4.Total lung capacity</p> <p><b>II. Write the differences between based on the criteria in the bracket.</b>  1.Aerobic and anaerobic respiration[ equation]  2.Bisexual and unisexual flower [ definition]  3.Chromoplast and chloroplast [ pigment present]  4. Xylem and phloem [ function]  5. Bone and cartilage [ location]</p>	

		<p><b>6.8.21</b></p> <p><b>11.8.21</b></p> <p><b>14.8.21</b></p>	<p><b>III. Give reasons:</b></p> <ol style="list-style-type: none"> <li>1. Seeds sown very deep in surface of the soil fail to germinate.</li> <li>2. We sever our body during rainy season.</li> <li>3. Cell is the structural unit of life.</li> <li>4. Every activity is the outcome of the cellular activity.</li> <li>5. Lysosomes are called the suicide bag.</li> </ol> <p><b>IV. Give the functions of the followings:</b></p> <ol style="list-style-type: none"> <li>1. Mitochondria</li> <li>2. Golgi apparatus</li> <li>3. Collenchyma</li> <li>4. Sepals</li> <li>5. Diaphragm</li> </ol> <p><b>V. Give examples:</b></p> <ol style="list-style-type: none"> <li>1. Monoecious plant</li> <li>2. Anabolic process</li> <li>3. Bisexual flower</li> <li>4. Monocot exalbuminous seed</li> <li>5. Epigeal germination</li> </ol> <p><b>VI. Draw the following diagrams:</b></p> <ol style="list-style-type: none"> <li>1. An animal cell</li> <li>2. A typical flower</li> </ol> <p><b>VII. Answer the following questions:</b></p> <ol style="list-style-type: none"> <li>1. What is viviparous germination</li> <li>2. What is energy cycle? Mention the full form of ADP &amp; ATP.</li> <li>3. Why do we need to conduct the experiments of respiration in the dark?</li> <li>4. Mention the cell theory.</li> <li>5. What are the three types of muscle tissues? Write any two points to compare them.</li> </ol>	
History / Civics	Ch:-5 The Mauryan Empire		<p><b>Answer the following questions in brief:-</b></p> <ol style="list-style-type: none"> <li>1. What do you mean by word 'Dhamma'?</li> <li>2. Name the place where Chandragupta Maurya settled down after he renounced his princely life.</li> <li>3. Mention any two states conquered by Chandragupta Maurya.</li> <li>4. What is the importance of Ashoka's Inscriptions?</li> </ol> <p><b>Structured Question:-</b></p> <ol style="list-style-type: none"> <li>1. Describe the sources to reconstruct the Age of the Mauryas with reference to the following: <ol style="list-style-type: none"> <li>a) Indica</li> <li>b) Arthashastra</li> </ol> </li> <li>2. The administration of a vast imperial state raised intricate problems which were wisely solved by Chandragupta Maurya and Ashoka. In this context</li> </ol>	<p><a href="https://youtu.be/1AA82OInQgk">https://youtu.be/1AA82OInQgk</a></p>





			<p>5.WAP to input a number and print the number is single digit number double digit number or triple digit number</p> <p>6. JSEB charges their consumer according to the tariff chart given below,</p> <table border="0" style="margin-left: 40px;"> <thead> <tr> <th style="text-align: left;">Units Consumed</th> <th style="text-align: left;">Charges</th> </tr> </thead> <tbody> <tr> <td>Up to 50 units</td> <td>Free</td> </tr> <tr> <td>51 – 100</td> <td>0.75p</td> </tr> <tr> <td>101 – 250</td> <td>1.25p</td> </tr> <tr> <td>252 – 500</td> <td>2.50p</td> </tr> <tr> <td>Above 500</td> <td>3.00p</td> </tr> </tbody> </table> <p>WAP in java to input the units consumed and display the electricity bill calculated as per following. A fixed rental of Rs. 180.00 is charged to all the consumers. Calculate the Bill amount and print the amount.</p> <p>7. A cab driver charges Rs. 15.00 on the first meter (km). he charges an extra of Rs. 22.00 on the next 5 kms. Anything beyond that is charged at Rs. 2.50 per km. WAP to input the distance covered and calculate the cab charges.</p>	Units Consumed	Charges	Up to 50 units	Free	51 – 100	0.75p	101 – 250	1.25p	252 – 500	2.50p	Above 500	3.00p	
Units Consumed	Charges															
Up to 50 units	Free															
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Above 500	3.00p															
Eco Appl.	Revision		<p><b>Answer in brief:</b></p> <ol style="list-style-type: none"> <li>1. Give the wealth definition of economics.</li> <li>2. List any four economic questions studied in economics.</li> <li>3. State four main features of utility.</li> <li>4. Define the following:- a) entrepreneur    b) national income c) production      d) market</li> <li>5. What is an economy?</li> <li>6. What is fiscal policy?</li> </ol> <p><b>Answer in detail:</b></p> <ol style="list-style-type: none"> <li>1. Critically examine the scarcity definition of economics.</li> <li>2. What is the growth-oriented definition of economics? Explain the merits of this definition.</li> <li>3. Define money. What are its components in a modern economy?</li> <li>4. Define national wealth and state its various components.</li> <li>5. Explain the importance of the firms as an economic entity.</li> <li>6. What are the basic economic entities? Explain the importance of households as an economic entity.</li> </ol>	<p><a href="https://youtu.be/tg52w0FArw4">https://youtu.be/tg52w0FArw4</a>  <a href="https://youtu.be/pOtRd8t7ESE">https://youtu.be/pOtRd8t7ESE</a>  <a href="https://youtu.be/omVhS8CMYRg">https://youtu.be/omVhS8CMYRg</a>  <a href="https://youtu.be/Dm70xm2NGpg">https://youtu.be/Dm70xm2NGpg</a>  <a href="https://youtu.be/cXQ9Ehly6wU">https://youtu.be/cXQ9Ehly6wU</a></p>												

	<b>Commercial Studies</b>	<b>Human resources</b>	<p><b>Answer the following short questions:</b></p> <ol style="list-style-type: none"> <li>1. Define Human resource management.</li> <li>2. Explain orientation and training.</li> </ol> <p><b>Essay type questions:</b></p> <ol style="list-style-type: none"> <li>1. What are the functions of human resource department?</li> </ol>	<a href="https://youtu.be/JN52Xuv5WSY">https://youtu.be/JN52Xuv5WSY</a>
		<b>Production</b>	<p><b>Answer the following short questions:</b></p> <ol style="list-style-type: none"> <li>1. Define Production.</li> <li>2. What is production management?</li> <li>3. Explain layout of plant as an objective of production department.</li> </ol> <p><b>Essay type questions:</b></p> <p>What are the functions of production department?</p>	<a href="https://youtu.be/_BWPAXTTUc">https://youtu.be/_BWPAXTTUc</a>

Rakshmi

**DIRECTOR ACADEMICS**