

**KERALA PUBLIC SCHOOLS**  
**HOME ASSIGNMENT (17<sup>TH</sup> to 22<sup>ND</sup> AUG 2020)**



CLASS	SUBJECT	TOPIC / CHAPTER	MODULE / ASSIGNMENT	REFERENCE LINKS
X	ENGLISH LANG	COMPREHENSION	<p><b>Read the passage carefully and answer the questions that follow:</b></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 of being without a family and had invented them all, so that no one might discover that he was motherless and fatherless and no one in the world cared whether he was dead or alive.</p>	<p><a href="https://englishforeveryone.org/Tpics/Reading-Comprehension.html">https://englishforeveryone.org/Tpics/Reading-Comprehension.html</a></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.  (i) waif (ii) pilfering (iii) concealed</p> <p>(b) Answer the following questions briefly:  (i) How old was Ha'penny? Where was he from?  (ii) What do you know about his family?  (iii) What did the narrator come to know about Ha'penny when he sent for his papers?  (iv) What did the Letter book reveal about him?  (v) What conversation took place between the narrator and Ha'penny when he took him out in the car?</p>	
		<p><b>JOIN THE SENTENCES WITHOUT USING 'AND' 'BUT' or 'SO'</b></p>	<ol style="list-style-type: none"> <li>1. He hurt his foot. He stopped.</li> <li>2. I was walking along the street one day. I saw a dead snake.</li> <li>3. He was weary of failure. He emigrated to Africa.</li> <li>4. I was returning home. I saw a man .He was lying by the roadside.</li> <li>5. The word of command will be given. You will then fire.</li> <li>6. The King dies. His eldest son came to the throne.</li> <li>7. He is very honourable. He will not break his promise.</li> <li>8. He does well. He is nervous at the start.</li> <li>9. He does not know anything. He pretends ignorance.</li> <li>10. He saw me. He ran away.</li> </ol>	<p><a href="https://www.satpaulmittalschool.org/web/upload/assignments/864.pdf">https://www.satpaulmittalschool.org/web/upload/assignments/864.pdf</a></p>
		<p><b>PREPOSITION</b></p>	<p><b>Fill in the blanks with more appropriate words:</b></p> <p>(i) He congratulate me ----- my great achievement.  (ii) The poor man afflicted-----arthritis.</p>	<p><a href="https://www.indiastudychannel.com/resources/157304-ICSE-solved-English-Grammar-questions-from-previous-years-">https://www.indiastudychannel.com/resources/157304-ICSE-solved-English-Grammar-questions-from-previous-years-</a></p>

		<p>(iii) She is blind-----the faults of her husband.          (iv) The boss had many complaints-----Shyam.          (v) You must prepare well----- the examinations.          (vi) She is not aware-----the danger.          (vii) Ravi was accurate-----his calculations.          (viii) They hid the money-----the carpet.</p> <p>Answers: (i) on; (ii) with; (iii) to; (iv) against; (v) for; (vi) of; (vii) with; (viii) under</p>	<a href="http://question-papers.aspx">question-papers.aspx</a>
<b>ENGLISH LIT</b>	<b>MERCHANT OF VENICE Act IV Scene ii</b>	<p>PORTIA : Inquire the Jew's house out. Give him this deed, And let him sign it. We'll away tonight, And be a day before our husbands home.          ...          This deed will be well welcome to Lorenzo.          1. Where is Portia? What does Portia ask Nerissa to do?          2. Which is the document Portia mentions here?          3. What is her plan?          4. How is the above document connected to Lorenzo?</p>	<a href="https://www.extramarks.com/study-material/icse-class-10/english-the-merchant-of-venice-act-4_sc_-scene1">https://www.extramarks.com/study-material/icse-class-10/english-the-merchant-of-venice-act-4_sc_-scene1</a>
	<b>REVISION ACT IV Scene i and ii</b>	<p><b>Answer the following questions:</b></p> <ol style="list-style-type: none"> <li>1. Where does Act IV Scene i take place?</li> <li>2. What rigorous course is referred to in the extract?</li> <li>3. In what way does the duke expect Shylock to mitigate his stand towards the forfeiture?</li> <li>4. If Antonio is shown mercy by the Duke, against the wishes of Shylock, what would be its implication?</li> <li>5. What reason does Shylock give for his hatred for Antonio?</li> <li>6. Give the meaning of ‘ But mercy is above this sceptred sway’.</li> </ol>	<a href="https://www.extramarks.com/study-material/icse-class-10/english-the-merchant-of-venice-act-4_sc_-scene1">https://www.extramarks.com/study-material/icse-class-10/english-the-merchant-of-venice-act-4_sc_-scene1</a>
<b>PHYSICS</b>	<b>Chapter 7: Sound *Reflection of sound waves and echoes</b>	<p>Q1. State two factors on which the speed of a wave travelling in a medium depends?          Q2. State two differences between the light and sound waves.          Q3. What is meant by an echo? State two conditions necessary for an echo to be heard distinctly?</p>	<a href="https://youtube.be/Gm6ftmnNvB8">https://youtube.be/Gm6ftmnNvB8</a>

			<p>Q4. What do you mean by reflection of sound?</p> <p>Q5. State one condition for the reflection of a sound wave. Name a device in which reflection of sound wave is used.</p> <p>Q6. How do bats avoid obstacles in their way, when in flight?</p> <p>Q7. Name the waves used for sound ranging. State one reason for their use. Why are the waves mentioned by you, not audible to us?</p> <p>Q8. What is sonar? State the principle on which it is based.</p> <p>Q9. State the use of echo in medical field. What do you understand by free vibrations of a body? Give one example.</p>	
		<p><b>Ch – 7 : Sound</b> <b>*Forced vibrations, resonance</b></p>	<p>Q1. What is meant by the natural frequency of vibration of a body? On what factors does it depend?</p> <p>Q2. Draw a graph between the displacement from mean position and time for a body executing free vibrations in vacuum.</p> <p>Q3. State one condition for a body to execute free vibrations. (a) Name one factor on which the frequency of sound emitted due to vibration in an air column depends. (b) How does the frequency depend on the factor stated in part (a).</p> <p>Q4. State two ways of increasing the frequency of vibration of stretched string.</p> <p>Q5. Explain why strings of different thickness are provided on a stringed instrument.</p> <p>Q6. What are the damped vibrations? How do they differ from free vibrations? Give one example of each.</p>	<p><a href="https://youtube.be/z11DfmpDUZ1">https://youtube.be/z11DfmpDUZ1</a></p> <p><a href="https://youtube.be/4dl.9kFjfizY">https://youtube.be/4dl.9kFjfizY</a></p>

		<p>Q7. Draw a sketch showing the displacement of a body executing damped vibrations, against time.</p> <p>Q8. On keeping the stem of a vibrating tuning fork on the surface of a table, a loud sound is heard. Give reason.</p> <p>Q9. State the condition for the resonance to occur.</p> <p>Q10. When a troop crosses a suspension bridge, the soldiers are asked to break steps. Explain the reason</p> <p>Q11. Why are the stringed instruments like guitar provided with a hollow sound box?</p>	
	<p><b>Ch - 7 : Sound</b> *Characteristic s of sound</p>	<p>Q1. Name three characteristics of a musical sound.</p> <p>Q2. Name the unit in which the loudness of sound is measured?</p> <p>Q3. Define the term intensity of a sound wave. State the unit in which it is measured.</p> <p>Q4. State three factors on which the loudness of sound heard by the listener depends.</p> <p>Q5. Name the unit used to measure the sound level.</p> <p>Q6. Name the subjective property of sound related to its frequency.</p>	<p><a href="https://youtube.be/1NbjUatiOrk">https://youtube.be/1NbjUatiOrk</a></p>
	<p><b>Ch – 7 : Sound</b> *Numericals</p>	<p>Q1. Calculate the minimum distance in air required between the source of sound and the obstacle to hear an echo. Take the speed of sound in air = 350m s<sup>-1</sup></p> <p>Q2. What should be the minimum distance between the source and reflector in water so that echo is heard distinctly? (The speed of sound in water = 1400m/s)</p>	

Q3. A man standing 25 m away from a wall produces a sound and receives the reflected sound. (a) Calculate the time after which he receives the reflected sound if the speed of sound in air is  $350\text{m/s}$ . (b) Will the man be able to hear a distinct echo? Explain the answer.

Q4. A man standing 48 m away from a wall fires a gun. Calculate the time after which an echo is heard. (The speed of sound in air is  $320\text{m/s}$ ).

Q5. A pendulum has a frequency of 5 vibrations per second. An observer starts the pendulum and fires a gun simultaneously. He hears an echo from the cliff after 8 vibrations of the pendulum. If the velocity of sound in air is  $340\text{m/s}$ , find the distance between the cliff and the observer.

Q6. A person standing between two vertical cliffs produces the sound. Two successive echoes are heard at 4s and 6s. Calculate the distance between the cliffs. (Speed of sound in air =  $320\text{m/s}$ )

Q7. A person standing at a distance  $x$  in front of a cliff fires a gun. Another person B standing behind the person A at a distance  $y$  from the cliff hears two sounds of the fired shots after 2s and 3s respectively. Calculate  $x$  and  $y$  (take speed of sound  $320\text{m/s}$ )

Rakshmi

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