

KERALA PUBLIC SCHOOLS
ACADEMIC YEAR 2020-21
HOME ASSIGNMENT (13-07-2020 to 18-07-2020)



CLASS	SUBJECT	CHAPTER	TOPIC	WEBLINK
X	ENGLISH LANG	DIRECT AND INDIRECT SPEECH: - REVISION	<ul style="list-style-type: none"> • Change the following sentences from Direct to Indirect speech. 1. “Will you complete your work by tomorrow?” asked my sister. 2. He said to me, “I believe you.” 3. My uncle said, “I have never been to Delhi.” 4. She said to me, “How much does the book cost?” 5. They said to us, “You are not allowed to sit here.” 6. She said, “May you have a happy journey.” 7. He shouted, “Let me go.” 8. He said, “How dark the night is!” • Change the following sentences from Indirect speech to Direct speech. 1. He requested to let him have his meal. 2. He advised me to wait until he came. 3. I asked him whether he was comfortable there. 4. He said that he would go to school. 	https://www.ef.com/wwen/english-resources/english-grammar/direct-and-indirect-speech/
		Tenses Fill in the blanks with the correct form of words given in the bracket:-	<ol style="list-style-type: none"> 1. Air and water ____ (be) necessary for life. Air ____ (contain) oxygen which we inhale. We ____ (release) a gas called carbon dioxide, which ____ (consist) of carbon and oxygen. Trees ____ (act) as our friends because under sunlight, they ____ (break) carbon dioxide into two components and ____ (consume) carbon which ____ (be) the basis of the food for all the plants. 2. I ____ (employ) a new servant, Hari. He ____ (be) quite obedient, hardworking and submissive but sometimes, he ____ (behave) very strangely. Last evening, I ____ (be) alone. I ____ (hear) his cries and ran towards him. He, at once ____ (stop) crying. He had not been actually crying, he ____ (pretend). I ____ (scold) him for his strange behaviour. 	https://www.english-grammar.at/online-exercises/tenses/tenses_index.htm
		Transformation of Sentences Rewrite the	<ol style="list-style-type: none"> 1. This summer has been the warmest in the last ten years.(Rewrite using “warm”) 2. The taxi driver said, “He opened the door and jumped out before i could say a word.”(Begin: The taxi driver said that...) 	https://class1012english.wordpress.com/icse-sentence-transformation-exercise-2/

		<p>sentences according to the instructions given in the bracket.</p> <p>3. Robinson gave his companion Friday, a gift every Friday. (Begin: Robinson's companion Friday...)</p> <p>4. As soon as the game was over, the chess pieces were put in the box. (Begin: Hardly...)</p> <p>5. The hike was so hard, that Joan had to turn back just an hour into it. (Rewrite using "too" in place of "so")</p> <p>6. Unless the rain stops, the game will not resume. (Begin: If..)</p> <p>7. Jonas would rather stay at home than go out and play in the rain. (Begin: Jonas prefers...)</p> <p>8. Despite the best efforts by the Police, the money could not be retrieved. (Begin: In spite...)</p> <p>9. The new machine did a good job of compressing the garments. (Rewrite using "compress")</p> <p>10. A lot of people are capable of leading a team. (Rewrite using "capability")</p>	
ENGLISH LIT	MERCHANT OF VENICE Act IV Scene i	<p>Extract Gratiano: O, be thou damn'd, inexecrable dog! Are wolfish, bloody, starved, and ravenous. (Line :)</p> <ol style="list-style-type: none"> 1. Explain why Gratiano reacts violently in the extract. 2. Who was Pythagoras? What was the theory about rebirth according to him? 3. Give the meaning of : <ol style="list-style-type: none"> i. waver in my faith: ii. the gallows did his fell soul fleet: 4. How did the spirit of wicked wolf enter into Shylock? 5. 	https://www.icserankers.com/2019/12/the-merchant-of-venice-act4-scene1-questions-and-answers.html?m=1
	MERCHANT OF VENICE Act IV Scene i	<p>Extract The quality of mercy is not strain'd..... But mercy is above the sceptred sway; (Line 192 – 213)</p> <ol style="list-style-type: none"> 1. What is the meaning of strain'd? 2. Why is the quality of mercy not strained? 3. In what way is mercy twice blessed and is mightiest in the mightiest? 4. What is sceptre? 5. What does the sceptre signify? 	https://www.icserankers.com/2019/12/the-merchant-of-venice-act4-scene1-questions-and-answers.html?m=1
	MERCHANT OF VENICE Act IV Scene i	<p>Extract Portia Why this bond is forfeit;</p>	https://www.icserankers.com/2019/12/the-merchant-of-venice-act4-scene1-questions-and-answers.html?m=1

		<p>.....</p> <p>Shylock:</p> <p>.....</p> <p>To alter me: I stay here on my bond.</p> <ol style="list-style-type: none"> 1. What is meant by this bond is forfeit? 2. How is the bond forfeit now? 3. Why does Shylock call Portia a worthy judge? To whom had Shylock compared Portia earlier? 4. What was Shylock's reaction when Portia offered him thrice the due amount for the first time? 	<u>=1</u>
MATHS	Ch - 10 : REFLECTION	<p>MODULE 1- EX-10-1(i),2(ii),3(iii)</p> <p>MODULE 2- EX-10- 5,7,8,10,15</p> <p>MODULE 3- EX-10-20,22,29</p>	https://youtu.be/ecnqzguHHHc
	CH - 11 : SECTION FORMULA	<p>MODULE 1- EX -11-1(i),3,5</p> <p>MODULE 2- EX-11-9,11,14,19</p> <p>MODULE 3-EX- 11-20,33,34,35,36</p>	https://youtu.be/kEyeOKu_554
PHYSICS	<p>Ch – 4 :</p> <p>Refraction of light at plane surface</p> <p>Topics:</p> <p>To erect inverted image without deviation</p> <p>Prism where each angle 60°</p> <p>Non-occurrence of total internal reflection through 30°, 90°, 60° prism</p>	<p>Draw Ray Diagram</p> <p>Q1. To erect inverted image without deviation</p> <p>Q2. Prism where each angle 60°</p> <p>Q3. Non-occurrence of total internal reflection through 30°, 90°, 60° prism.</p>	https://youtu.be/W6HGZX8Ffil

Ch – 5 :
Refraction
through a
lens.
Topics:
Concave lens,
Convex lens,
Principle rays
for drawing
ray diagrams,
Real and
virtual image

Q1. What is a lens?

Q2. Name the two kinds of lens? Draw diagrams to illustrate them.

Q3. State difference between a convex and a concave lens in their (a) appearance, and (b) action on the incident light.

Q4. Show by a diagram the refraction of two light rays incident parallel to the principal axis on a convex lens by treating it as a combination of a glass slab and two triangular glass prisms.

Q5. Show by a diagram the refraction of two light rays incident parallel to the principal axis on a concave lens by treating it as a combination of a glass slab and two triangular glass prisms.

Q6. How does the action of convex lens differ from that of a concave lens on a parallel beam of light incident on them? Draw diagrams to illustrate your answer.

Q7. Draw a diagram to represent the second focus of a concave lens.

Q8. Draw a diagram to represent the second focus of a convex lens.

Q9. State the condition for each of the following :

(i) a lens has both its focal length equal.

(ii) a ray passes undeviated through the lens.

Q10. A parallel oblique beam of light falls on a (i) convex lens, (ii) concave lens. Draw a diagram in each case to show the refraction of light through the lens.

Q11. Complete the following sentences :

(a) If half part of a convex lens is covered, the focal length _____ change, but the intensity of image _____.

(b) A convex lens is placed in water. Its focal length will _____.

(c) The focal length of a thin convex lens is _____ than that of a thick convex lens.

https://youtu.be/oeW6wyJ_ARA

Rakshmi

DIRECTOR ACADEMICS