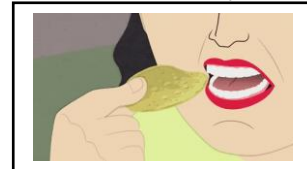
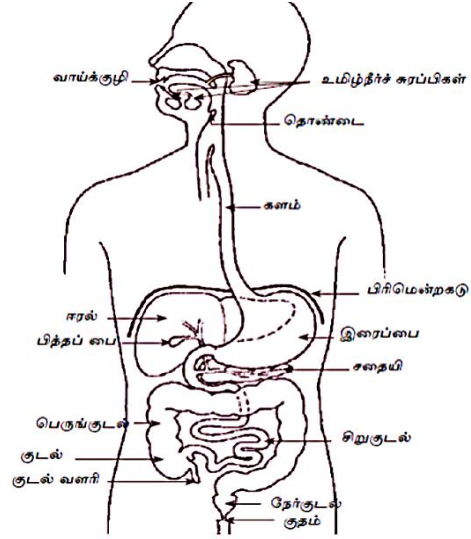
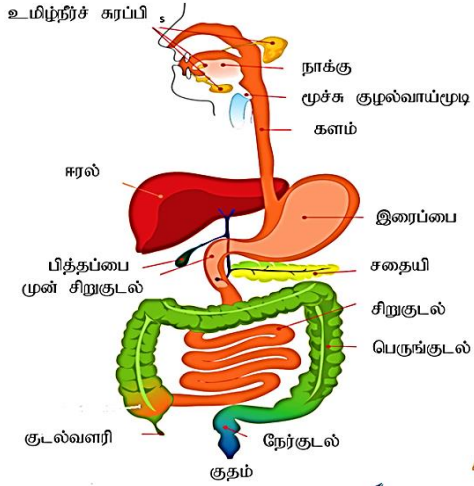


மனித உடற் செயன்முறைகள்



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[REDACTED]

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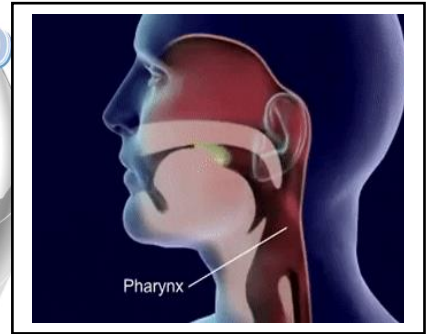
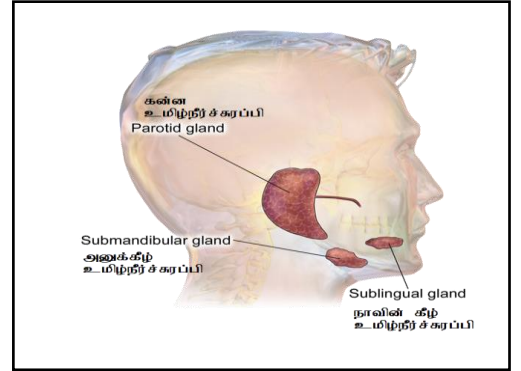
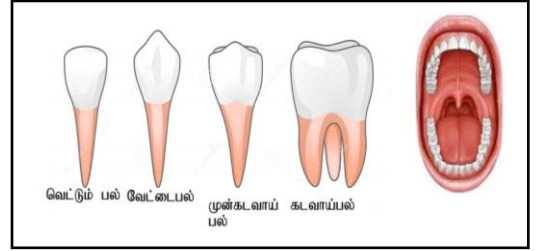
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[REDACTED]

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[REDACTED]



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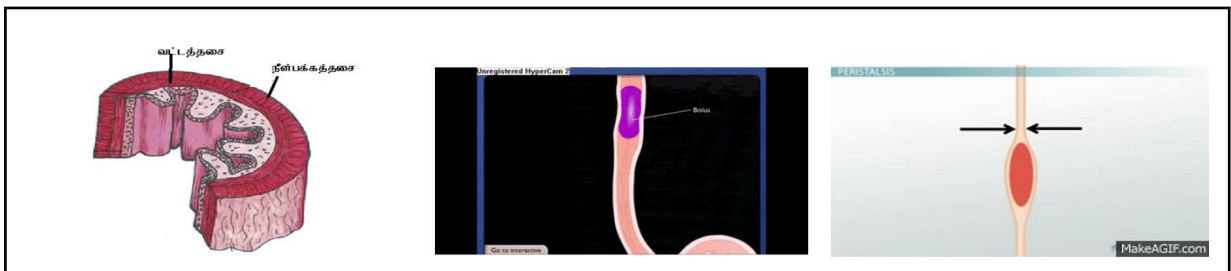
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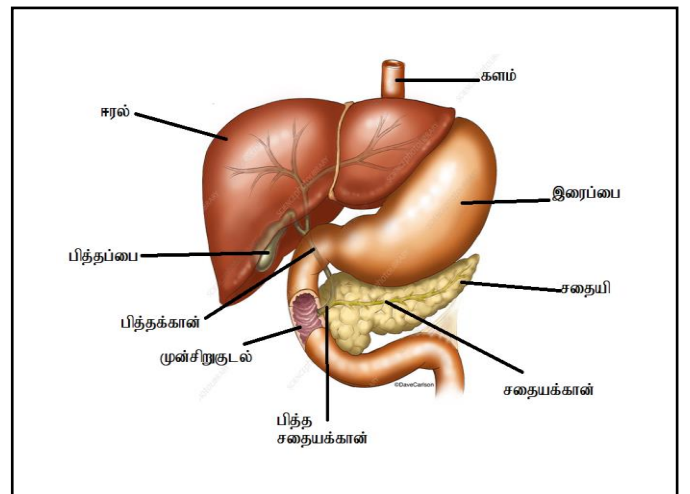
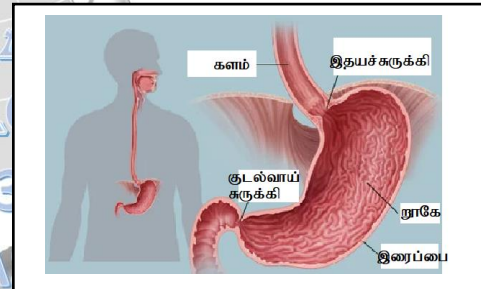
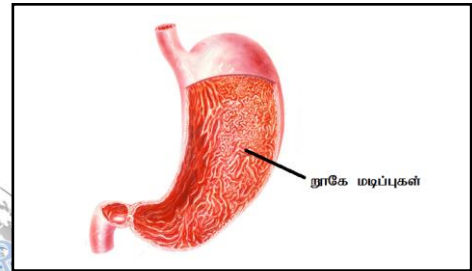
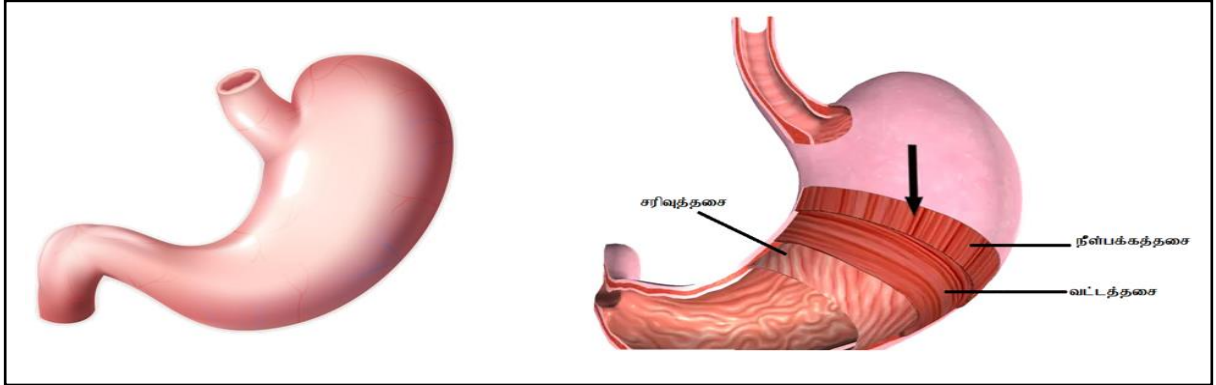
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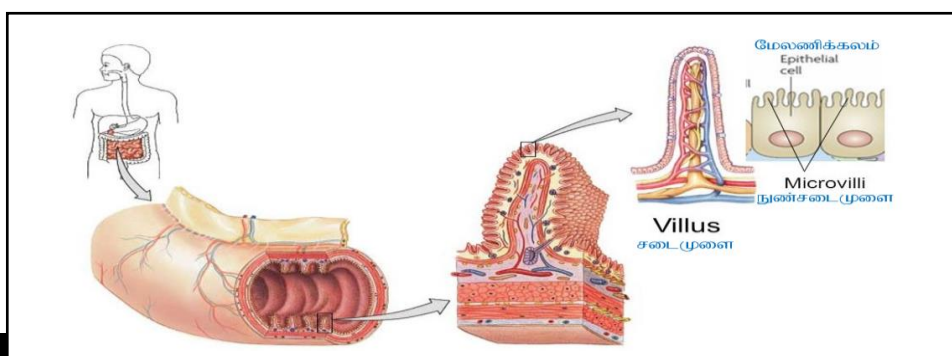
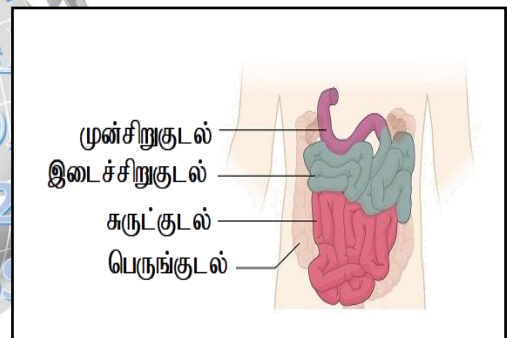
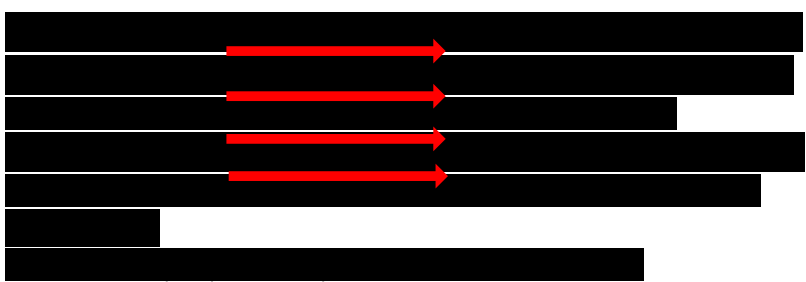
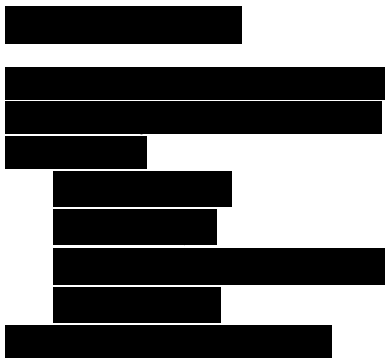
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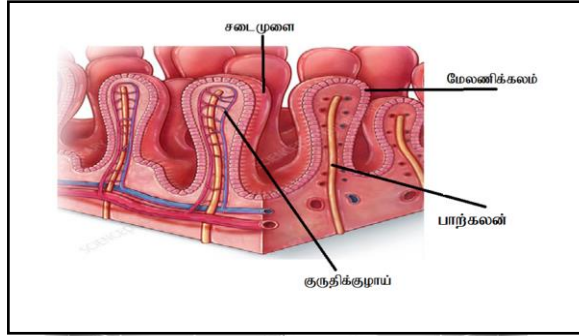
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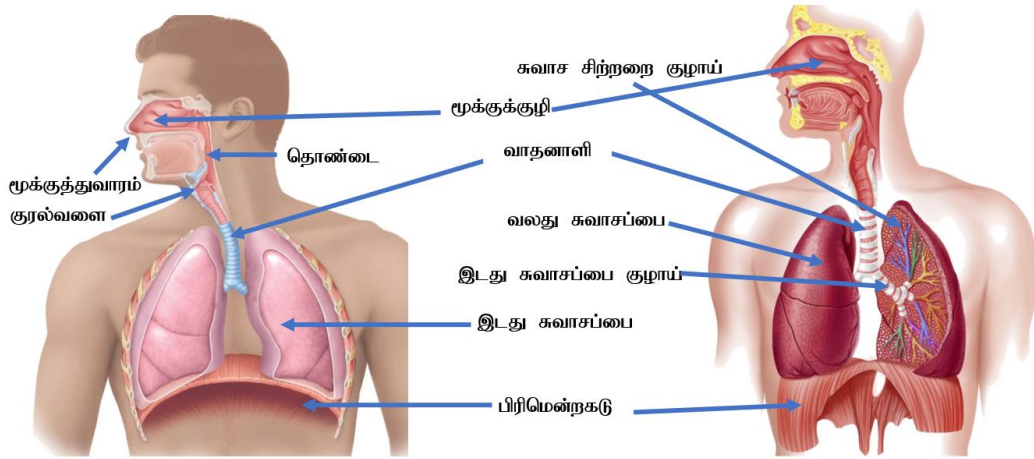
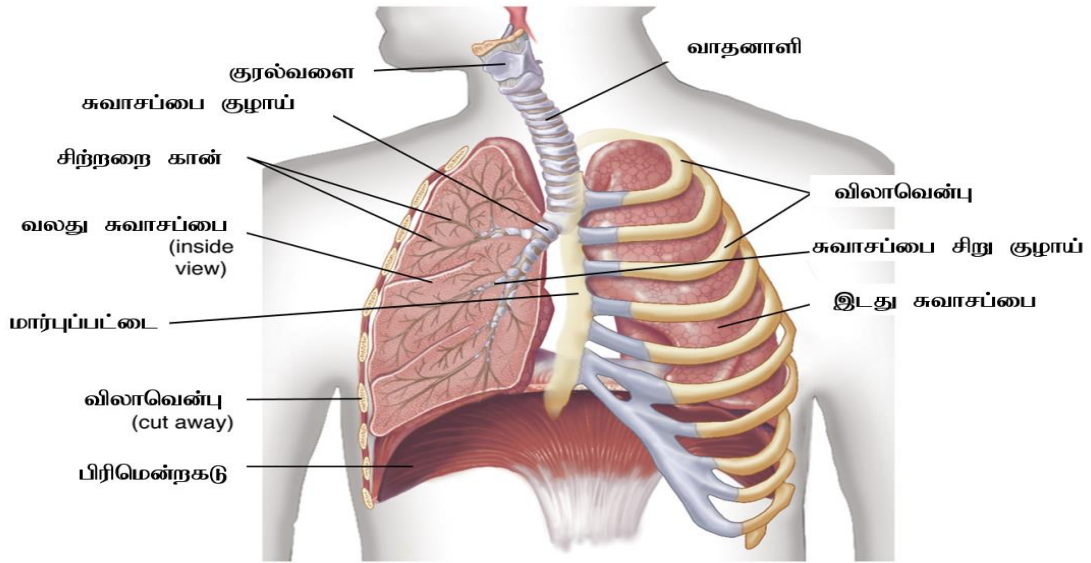
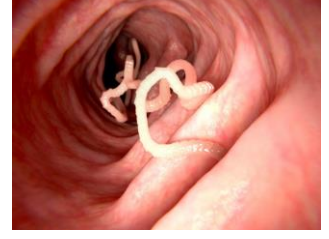
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ஒட்சியேற்றச் செயன்முறையின் மூலம் சேதன மூலக்கூறில் அடங்கியுள்ள இரசாயன சக்தி விடுவிக்கப்படும் செயற்பாடு கலச்சுவாசம் எனப்படும்.

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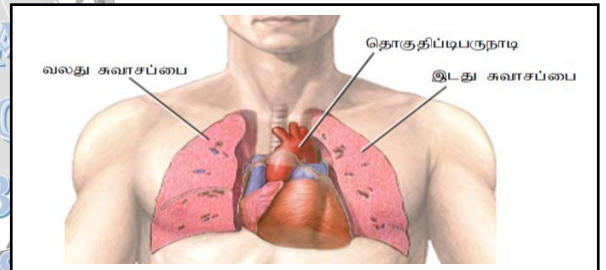
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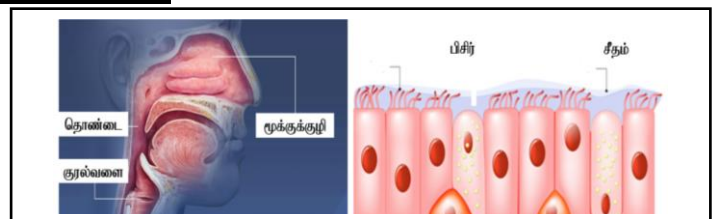
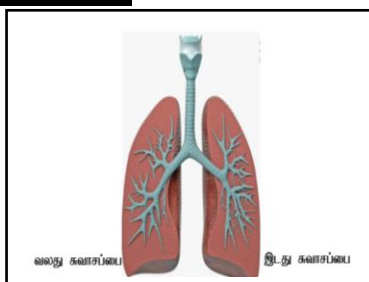
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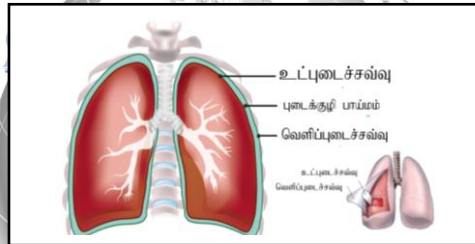
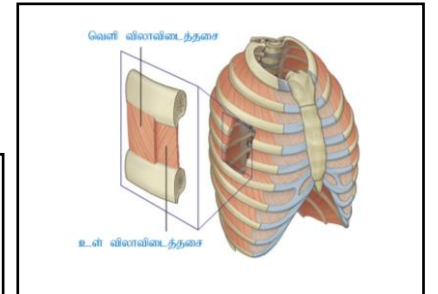
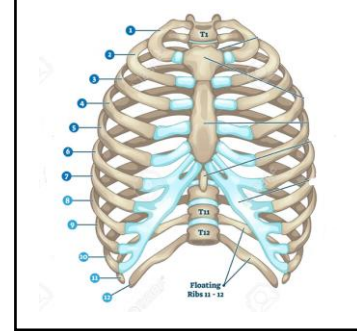
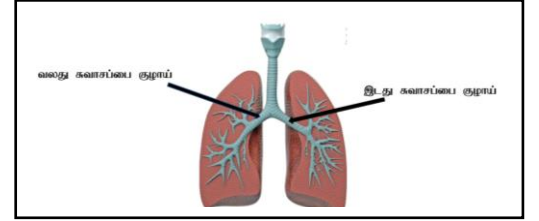
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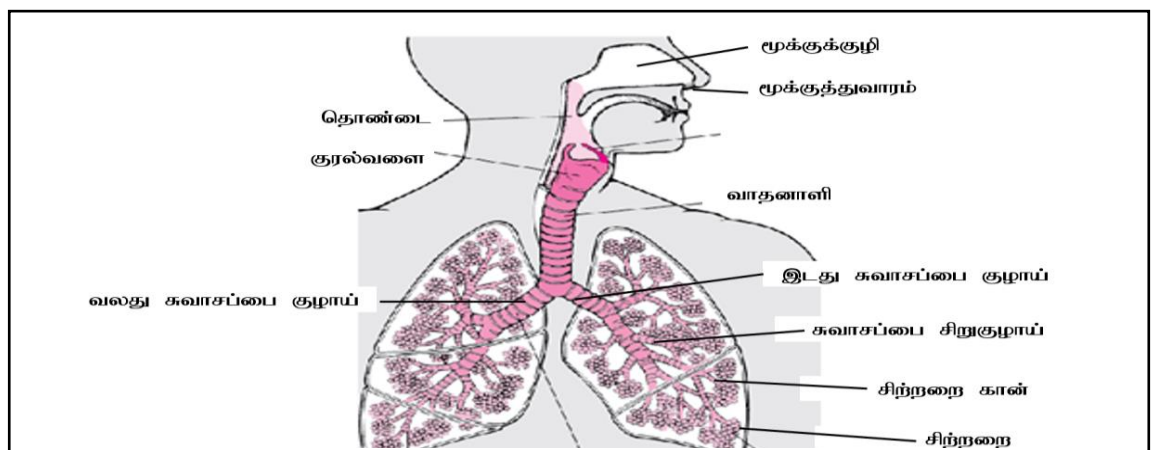
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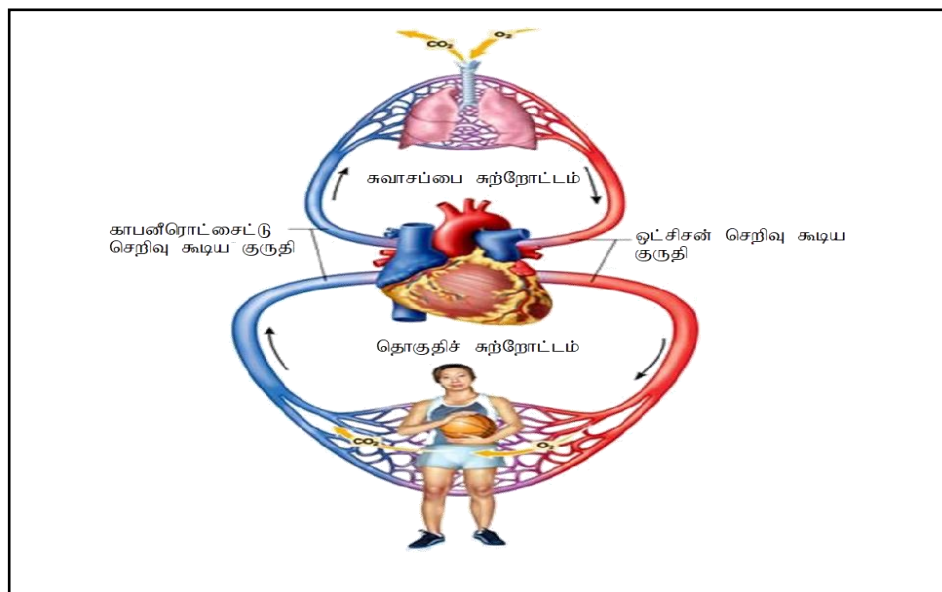
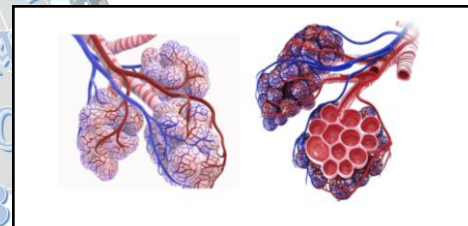
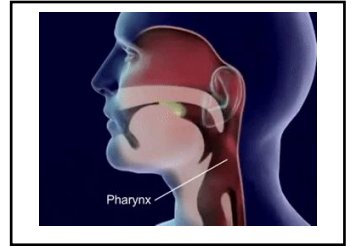
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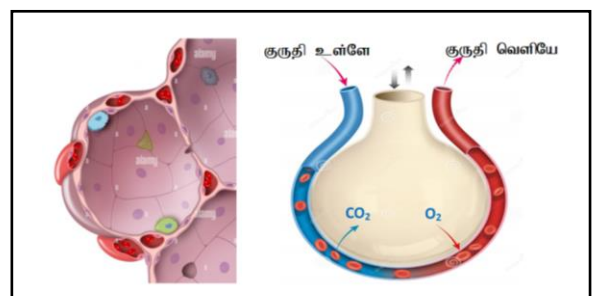
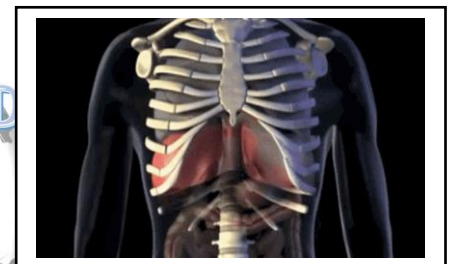
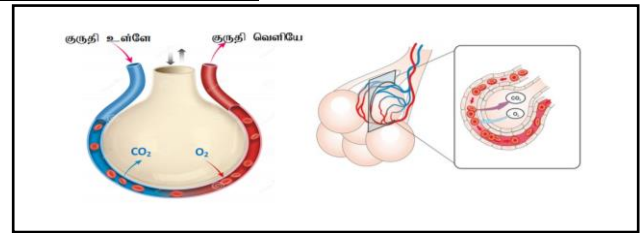


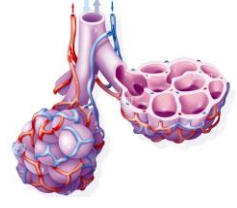


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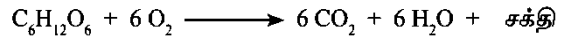








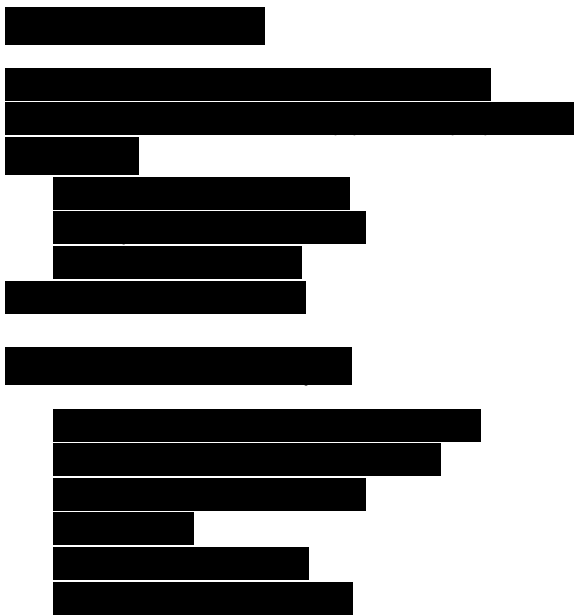
குளுக்கோசு + ஓட்சிசன் $\longrightarrow$ காபனீரொட்சைட்டு + நீர் + சக்தி



குளுக்கோசு $\longrightarrow$ எதைல் அற்ககோல் + காபனீரொட்சைட்டு + சக்தி

குளுக்கோசு $\longrightarrow$ இலத்திர்க்கமிலம் + சக்தி





[REDACTED]

[REDACTED]

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[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]
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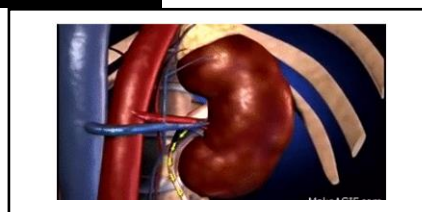
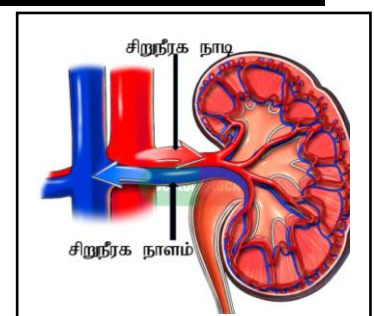
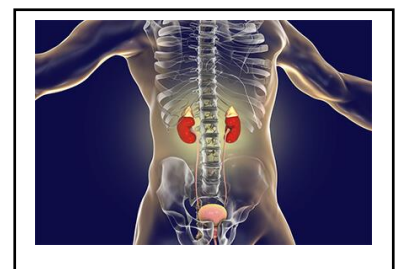
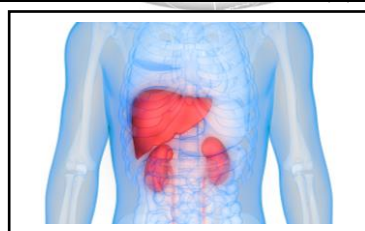
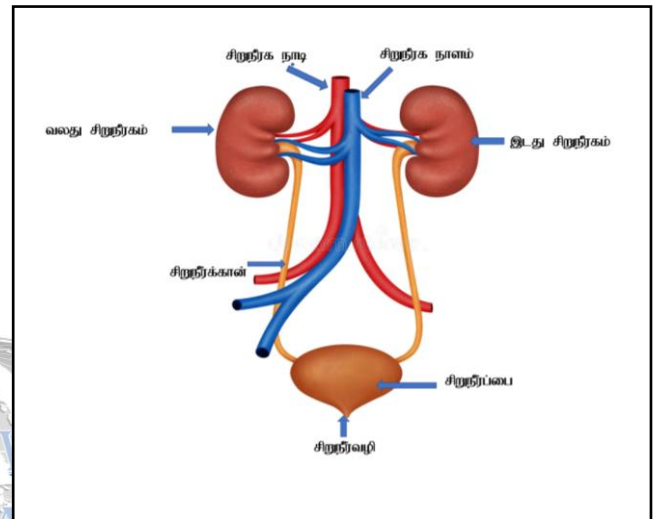
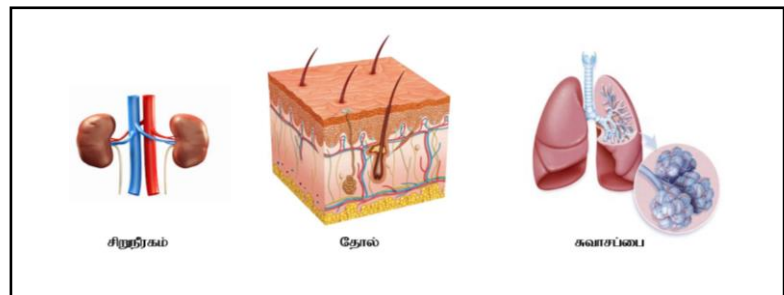
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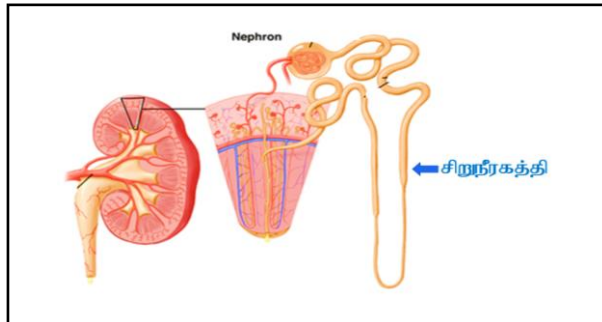
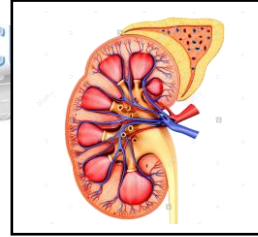
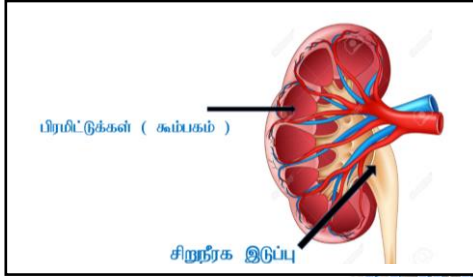
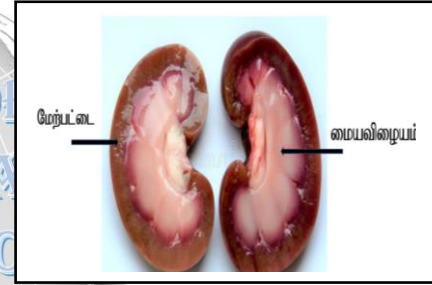
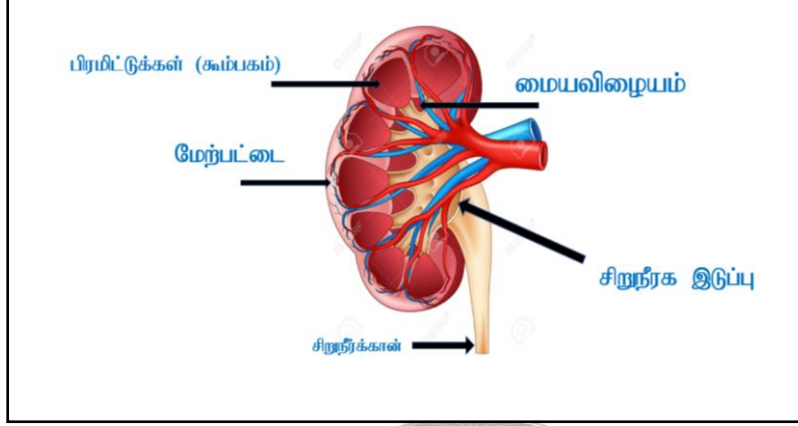
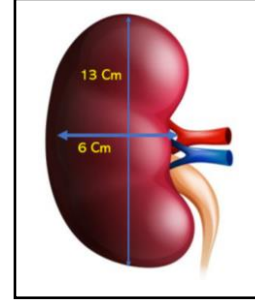
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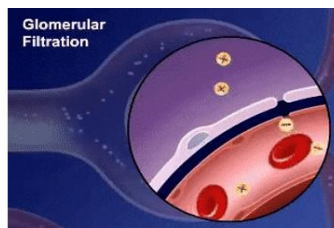
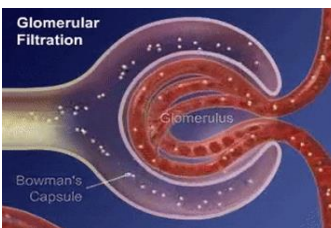
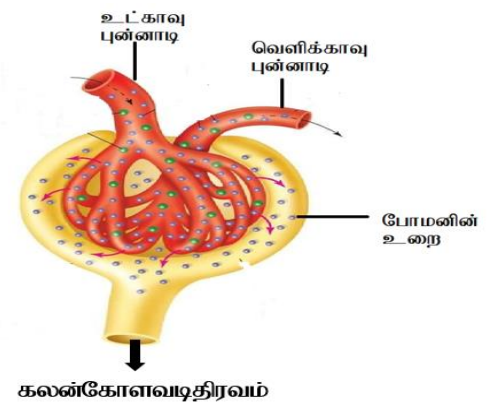
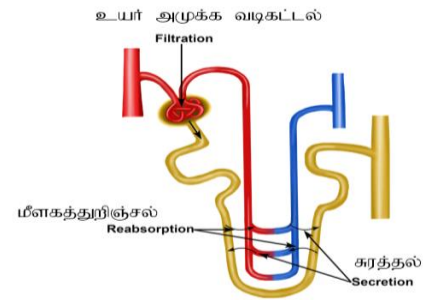
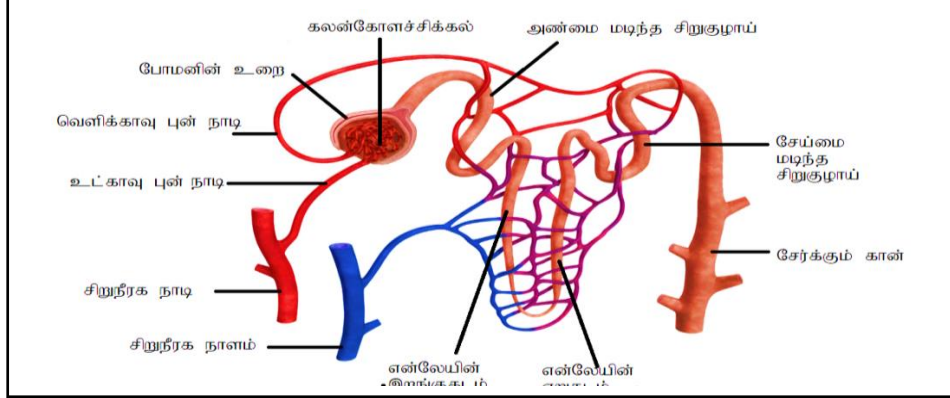
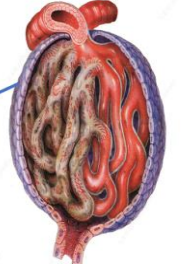
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[REDACTED]





எளிய செதன்மேலின்
போமனின் உறை



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[REDACTED]

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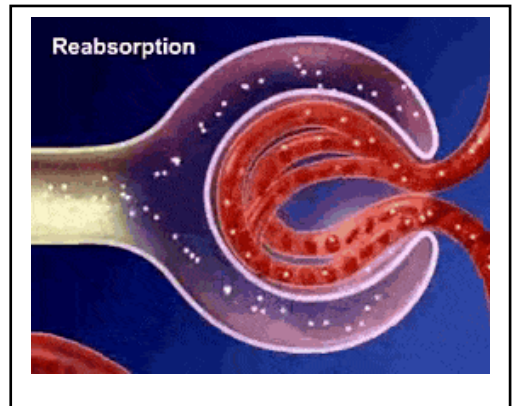
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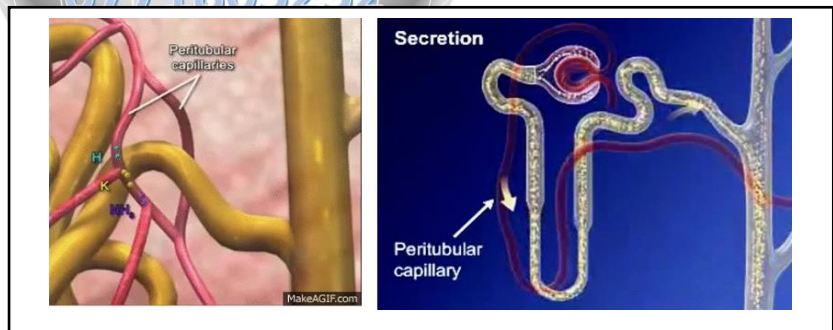
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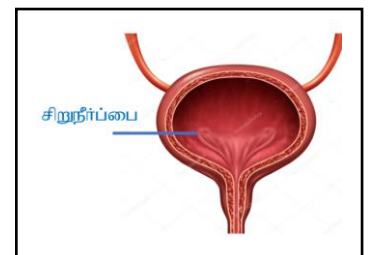
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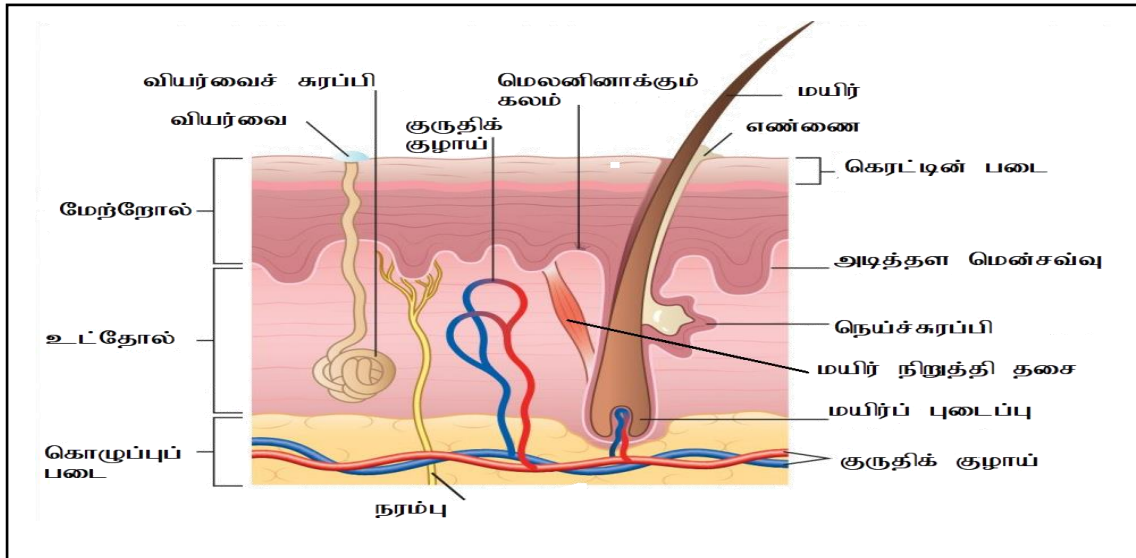
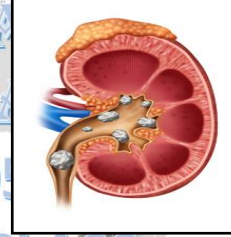
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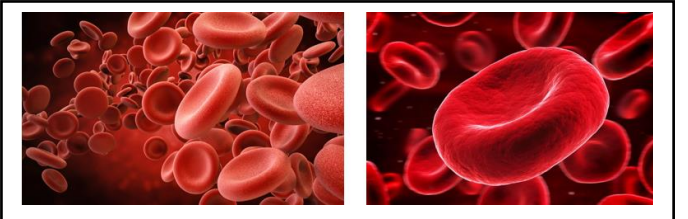
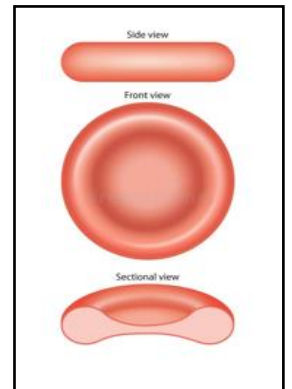
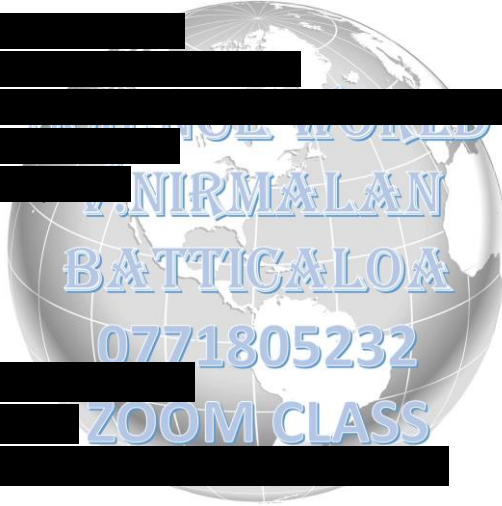
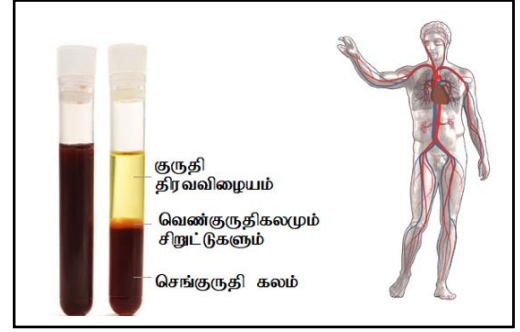
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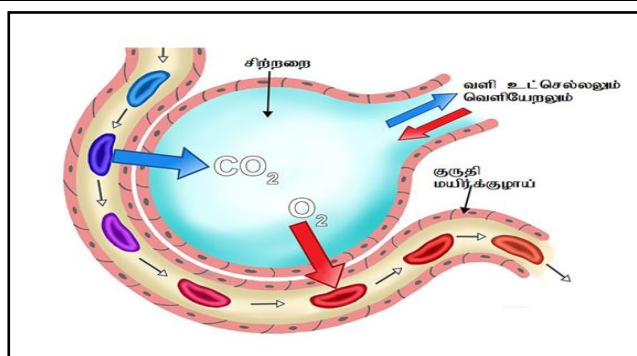
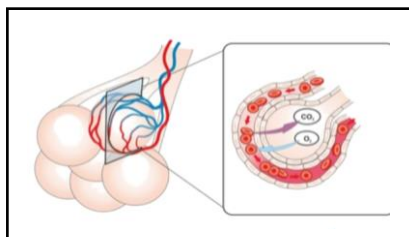






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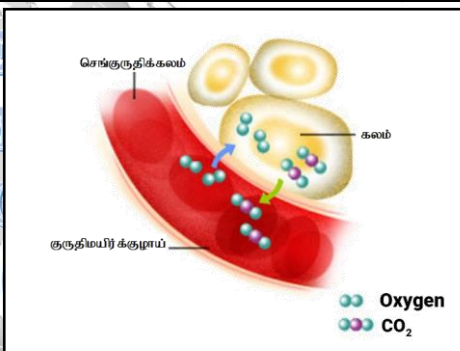
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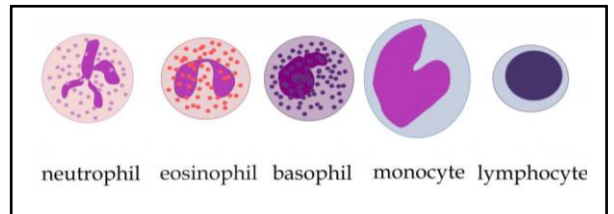
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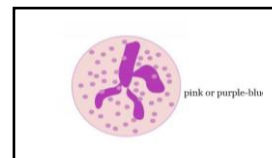
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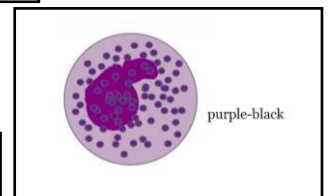
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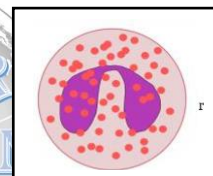
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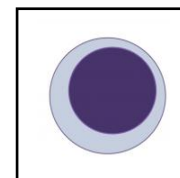
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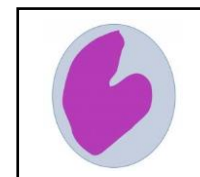
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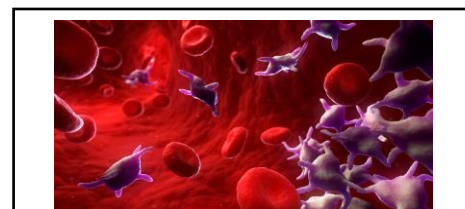
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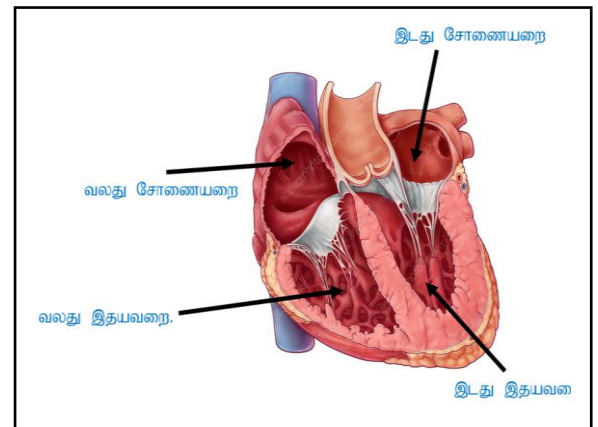
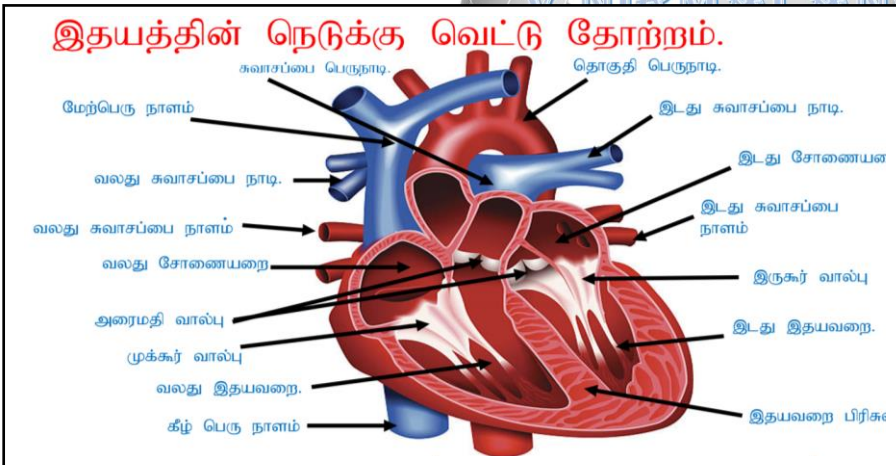
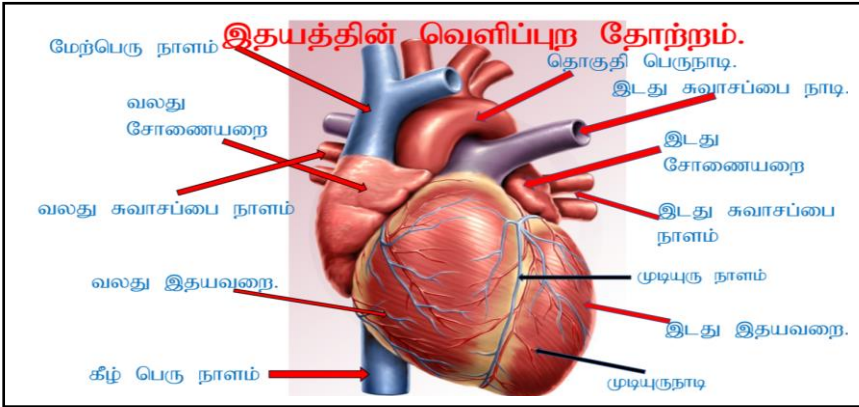
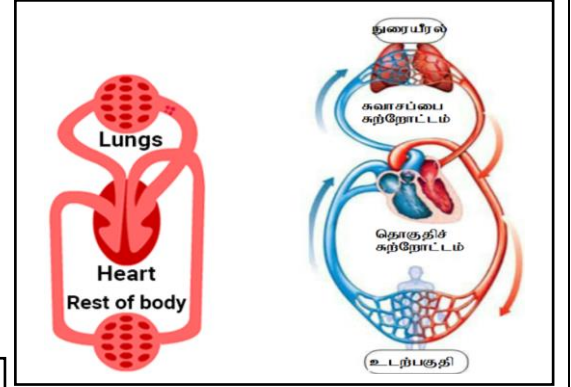
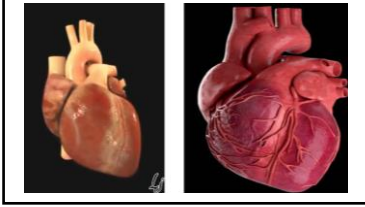


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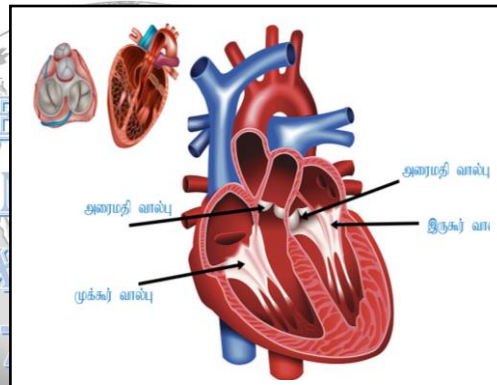
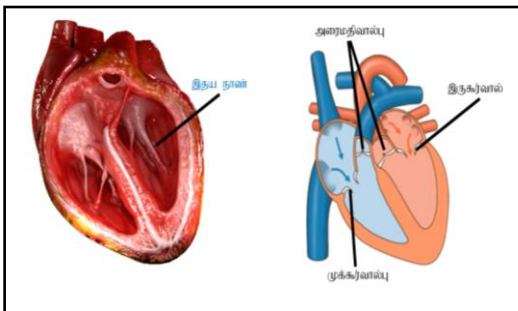
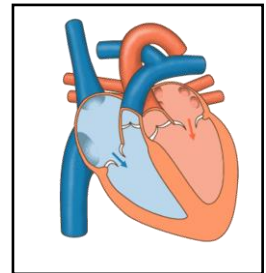
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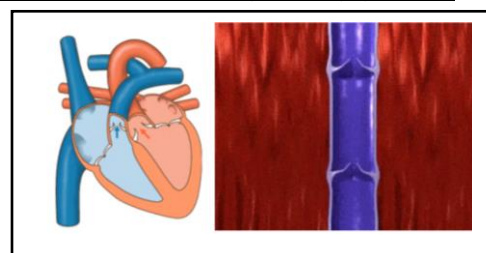
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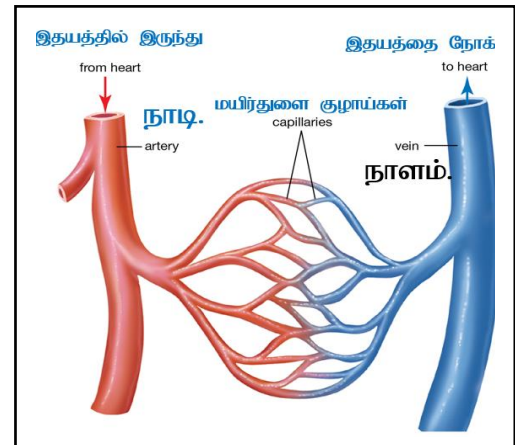
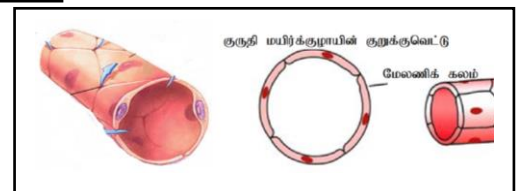
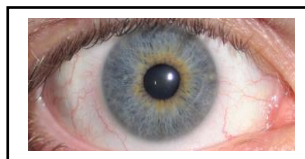
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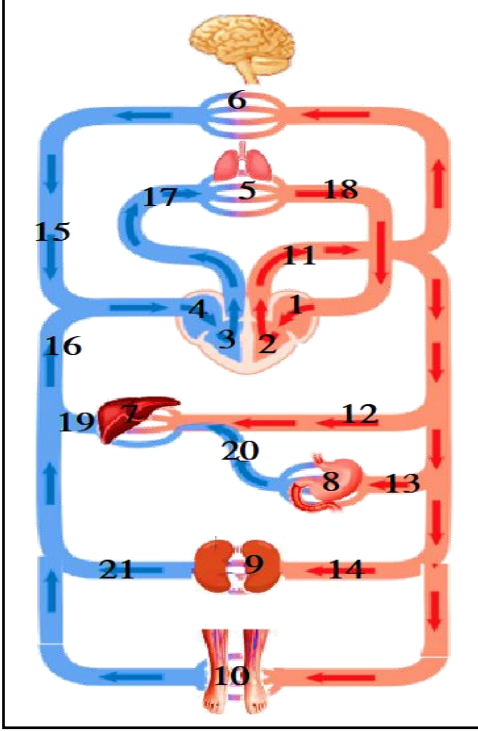
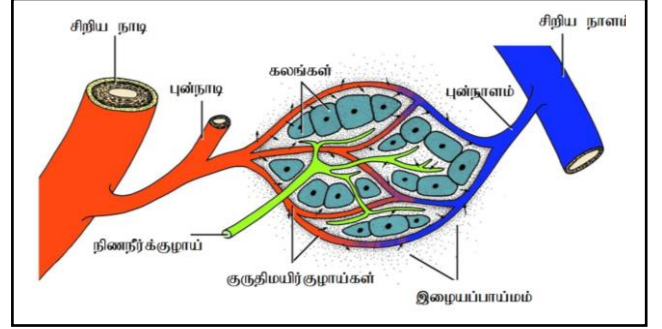
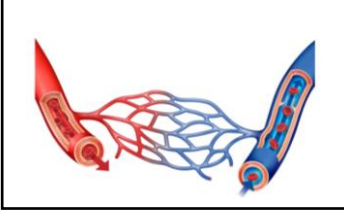
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[REDACTED]



[illegible]



1-இடது சோணையறை

2-இடது இதயவறை

3-வலது இதயவறை

4-வலது சோணையறை

5-சுவாசப்பை

6-தலை

7-ஈரல்

8-சிறுகுடல்

9-சிறுநீரகம்

10-கீழ்அவயவம்

11-தொகுதிப்பிடிருநாடி

12-ஈரல்நாடி

13-சிறுகுடல்நாடி

14-சிறுநீரக நாடி

15-மேற்பெருநாளம்

16-கீழ்ப்பெருநாளம்

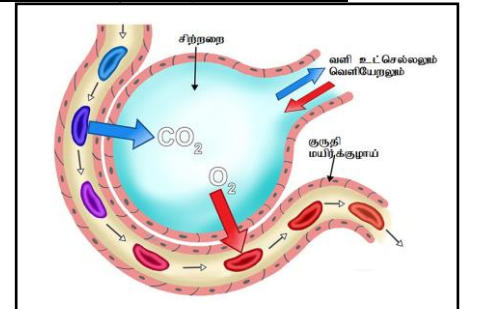
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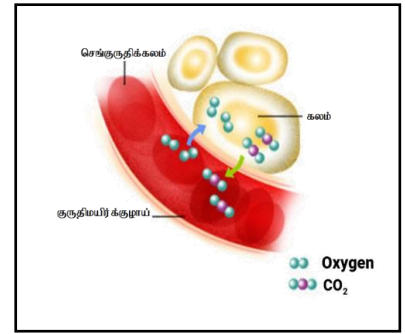
18-சுவாசப்பை நாளம்

19-ஈரல் நாளம்

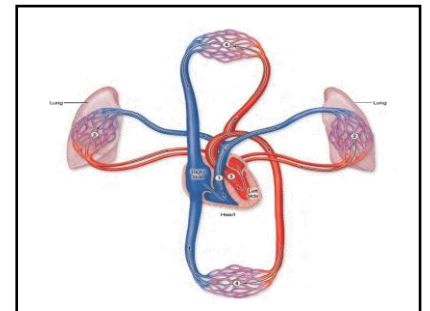
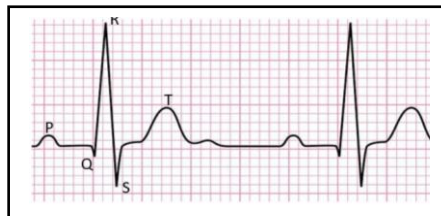
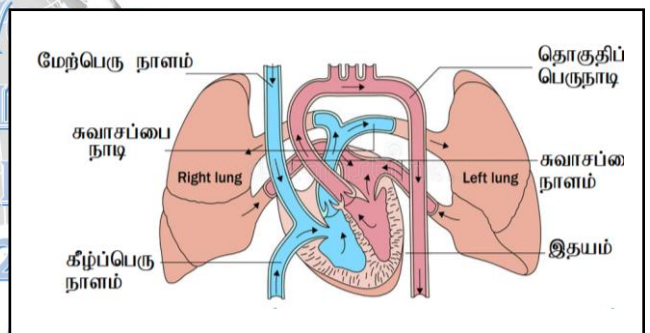
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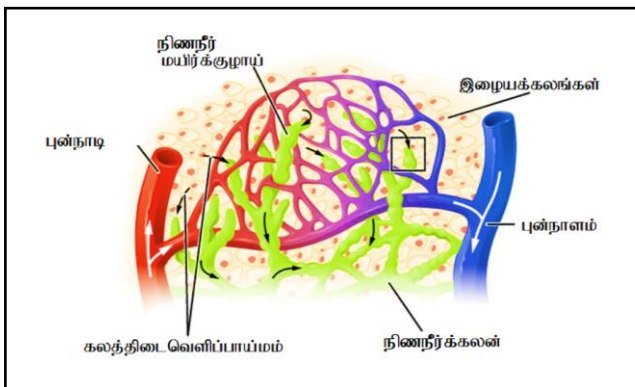
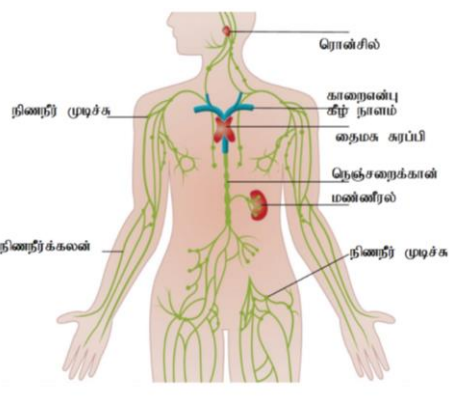
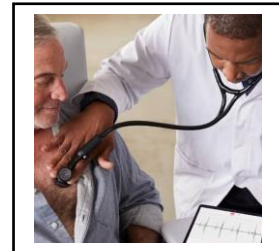
21-சிறுநீரகநாளம்

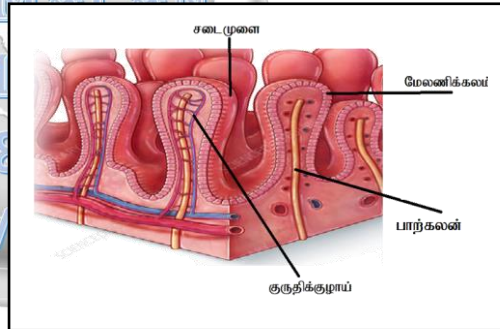
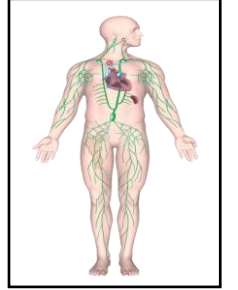
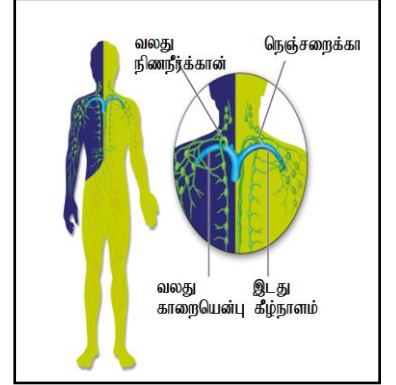


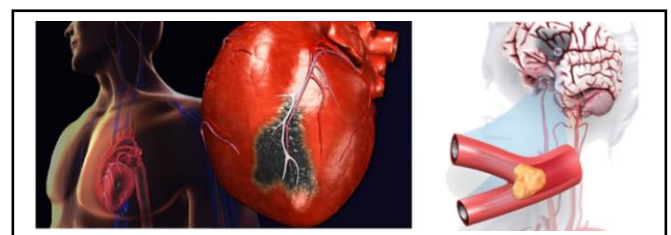
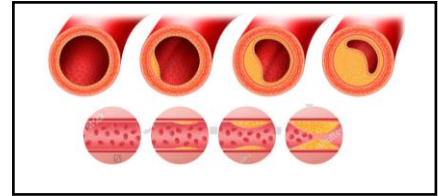


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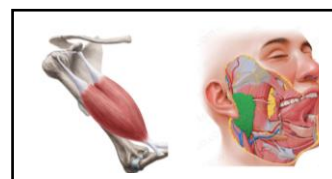
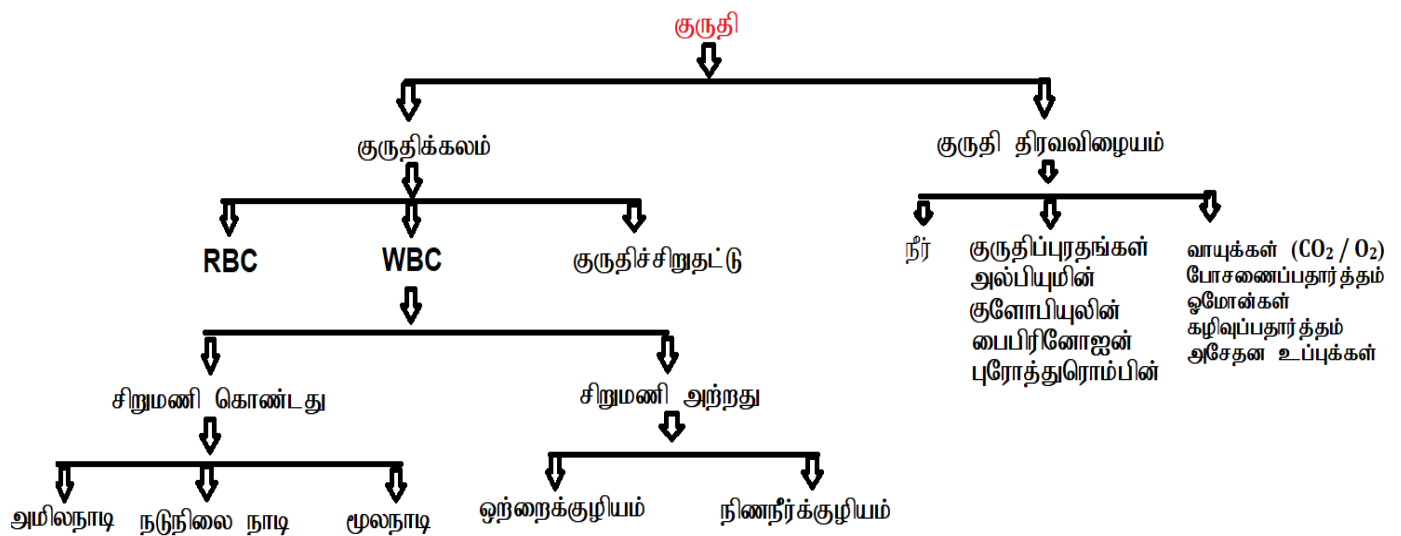


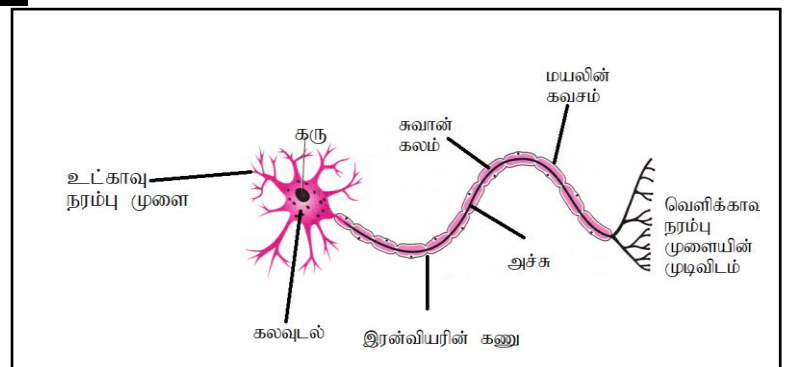
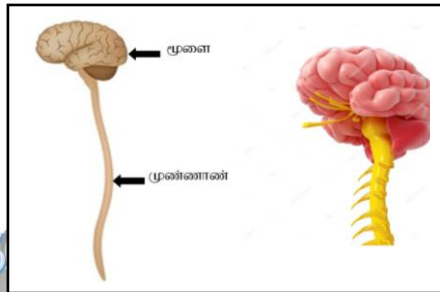
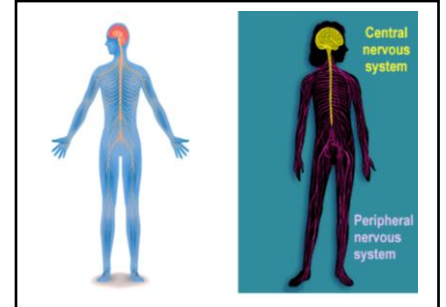
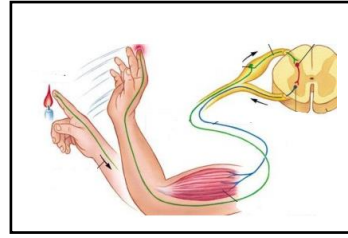






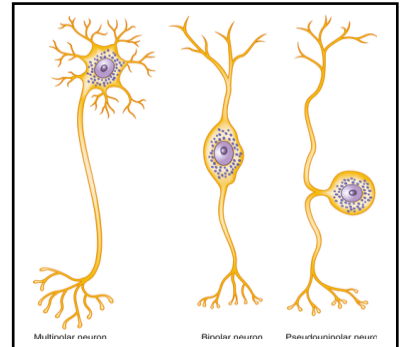
Age Group	Percentage Vaccinated
18-24	15%
25-34	25%
35-44	35%
45-54	45%
55-64	65%
65-74	85%
75-84	75%
85+	60%
All ages	55%



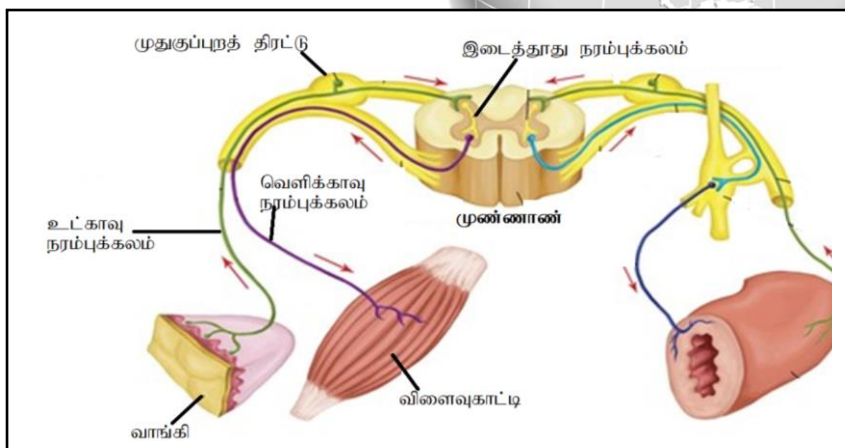
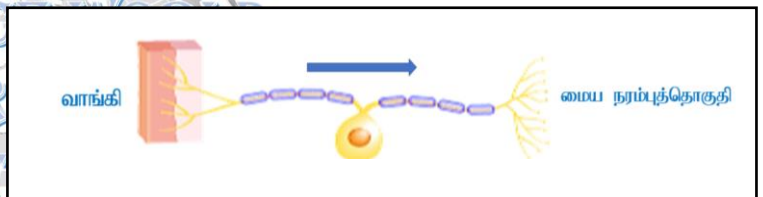


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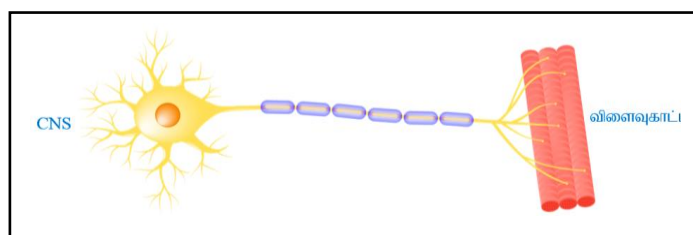
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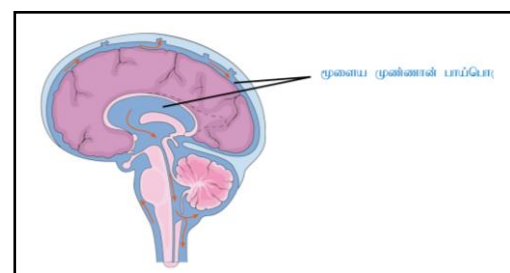


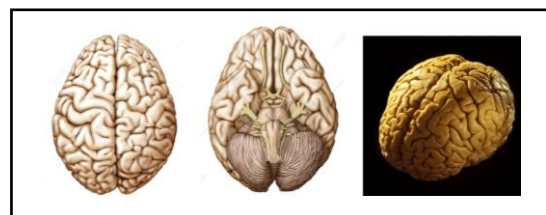
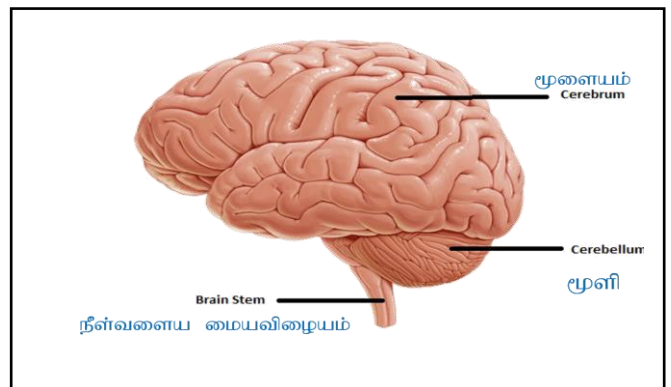
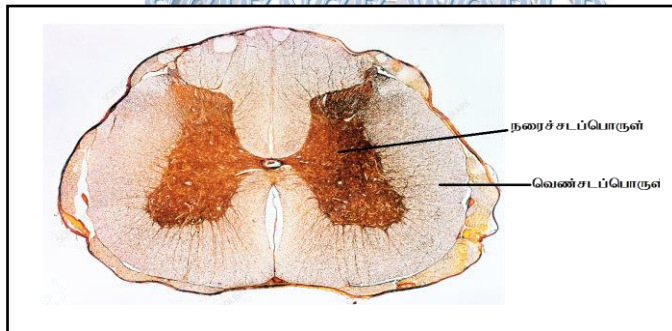
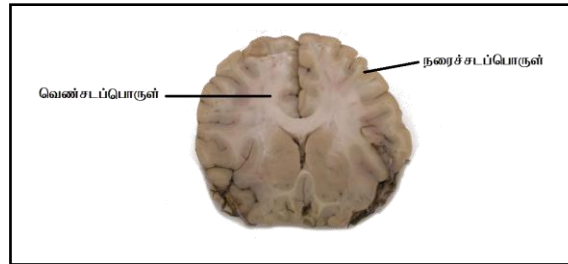
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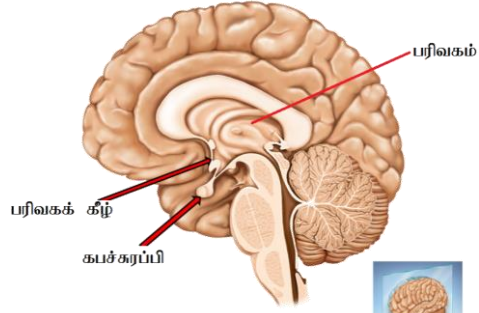


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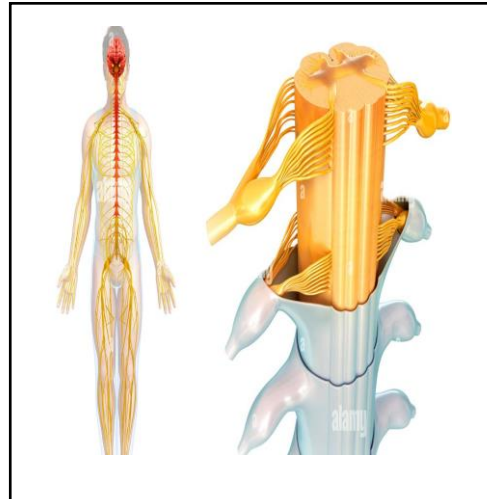
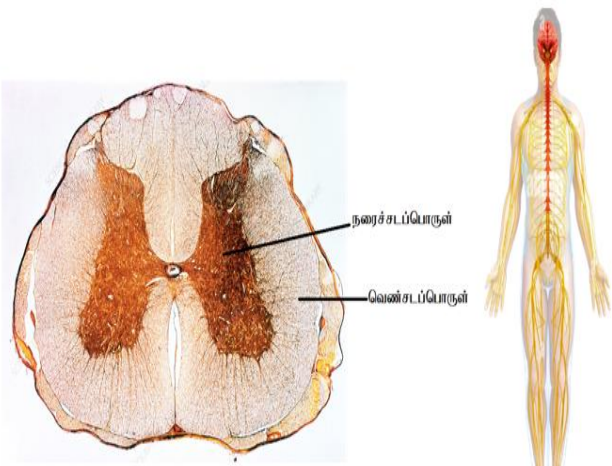


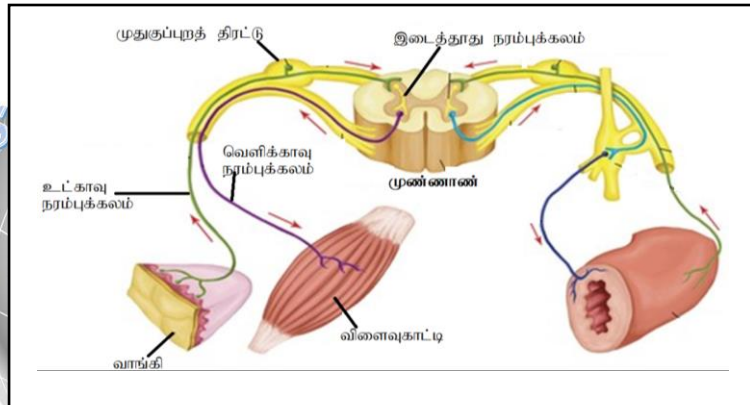
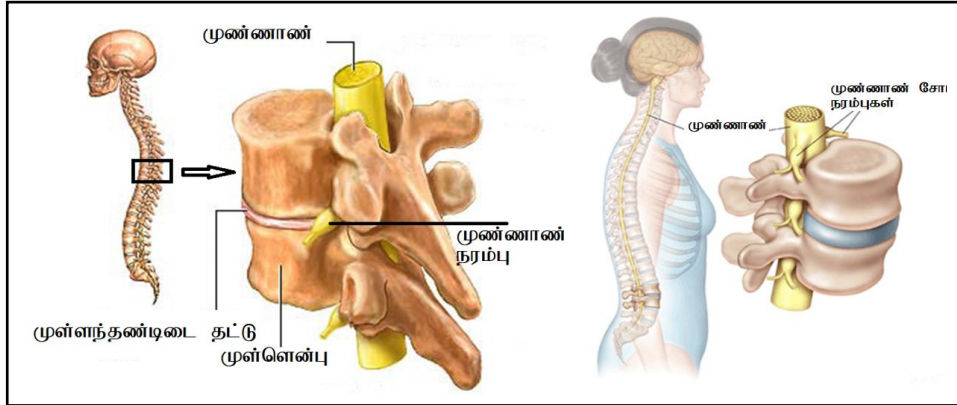
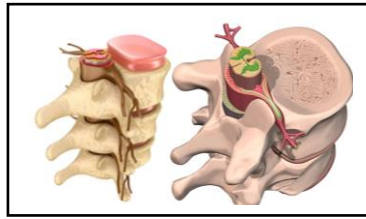






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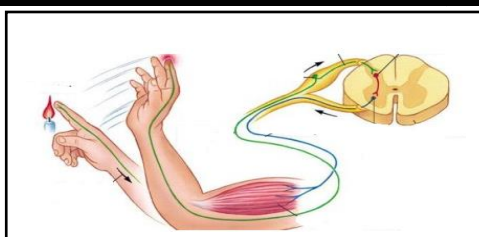


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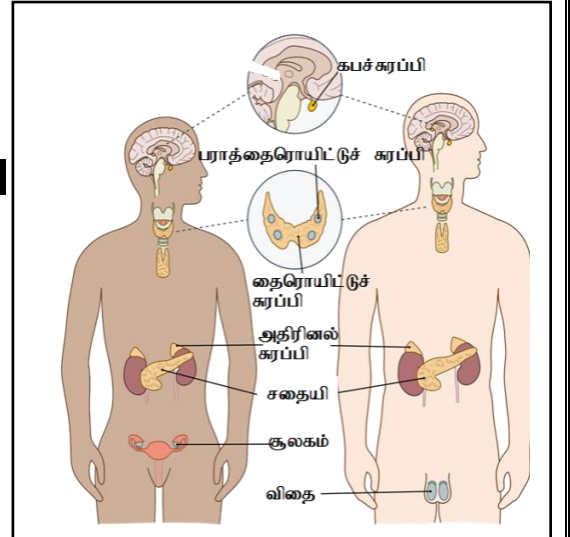
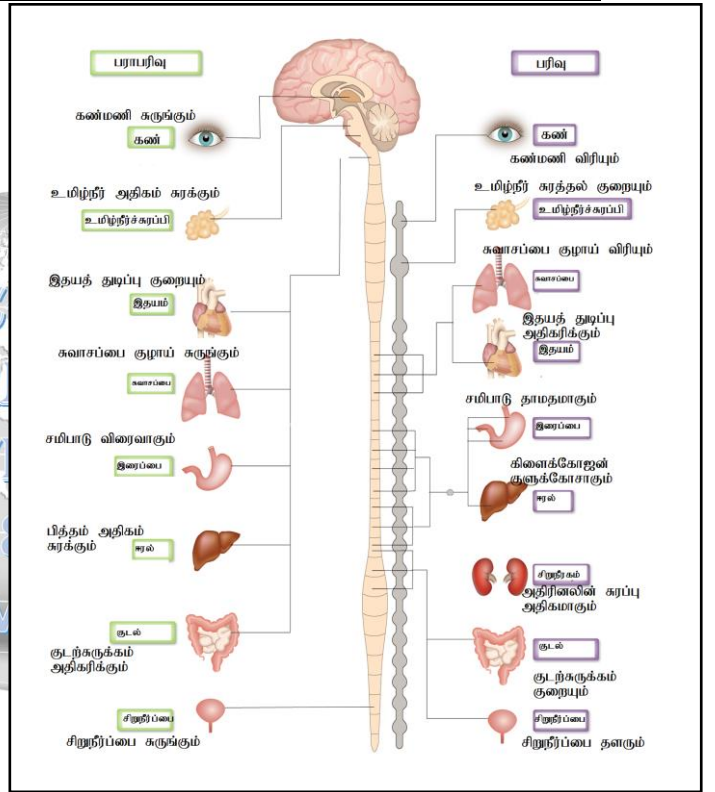
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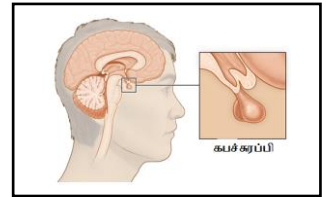
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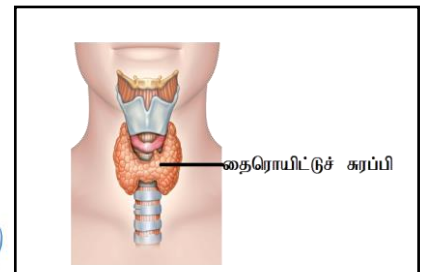
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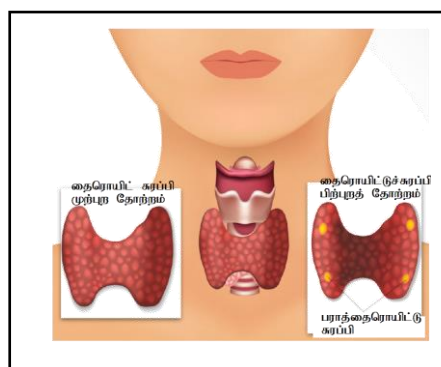


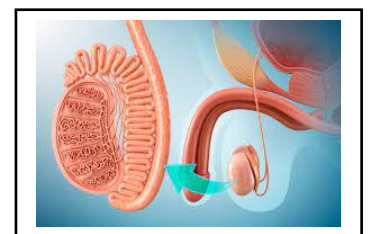
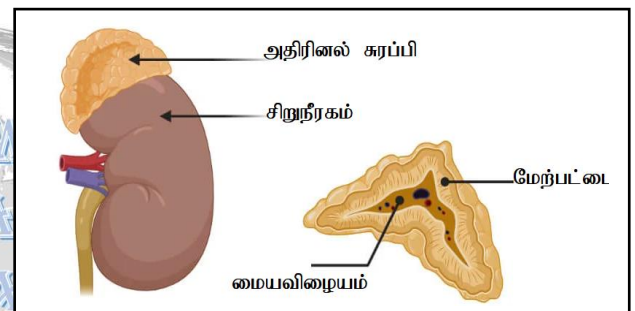
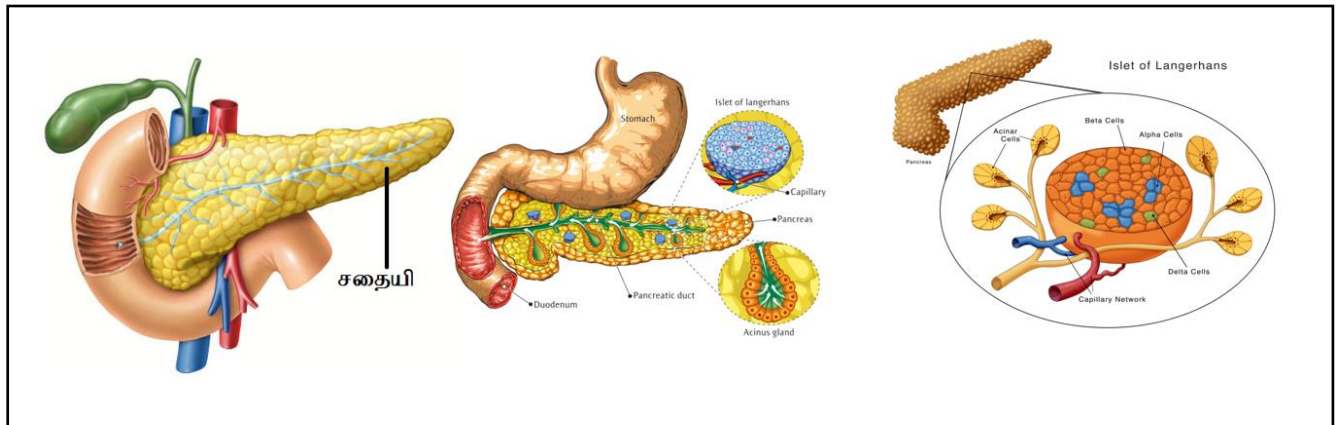
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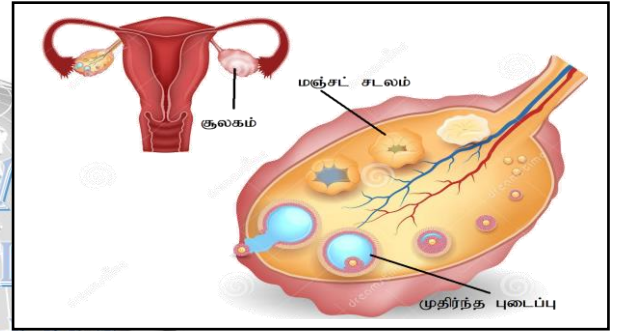
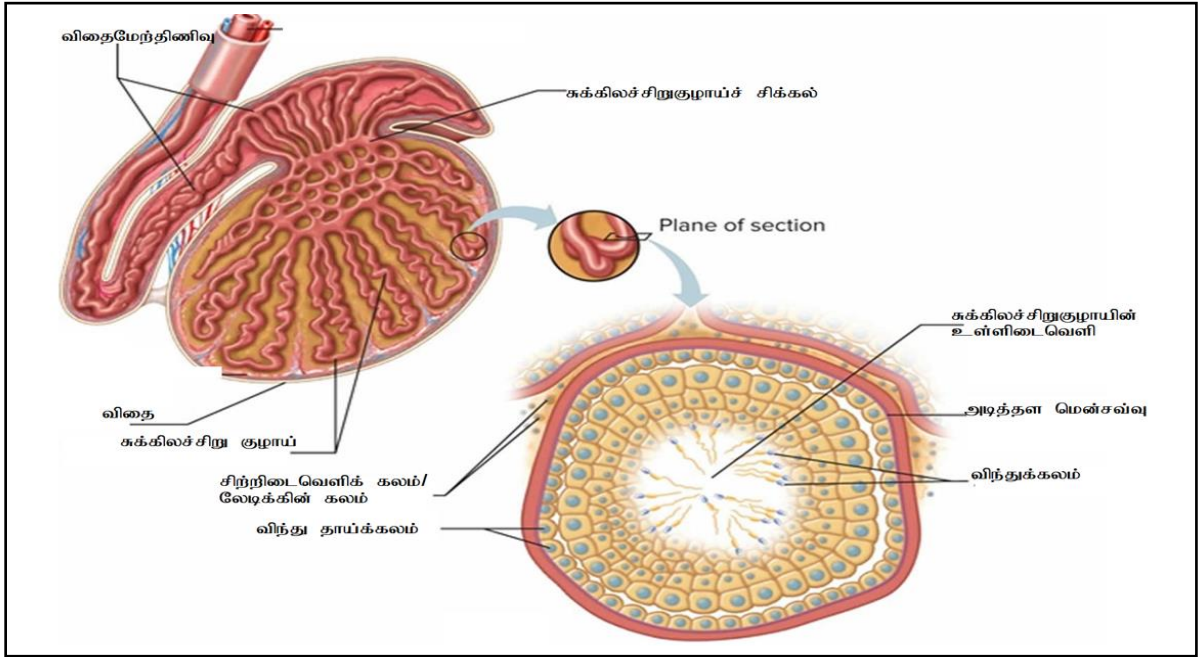
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நரம்பு இயைபாக்கம்

இரசாயன இயைபாக்கம்.

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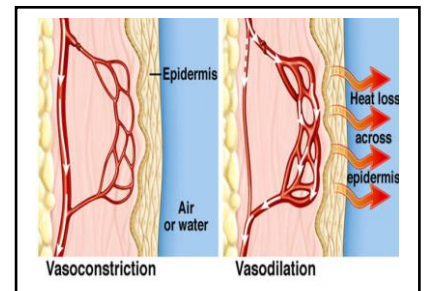
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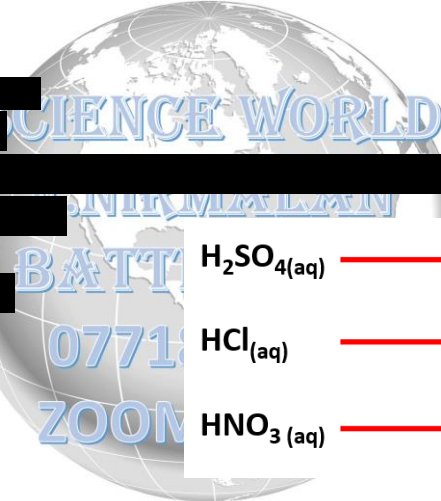
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[REDACTED]

[REDACTED]

அமிலம், மூலம், உப்பு

7



உதாரணம்

➤ அசுற்றிக்கமிலம் CH_3COOH ➤ காபோனிக்கமிலம் H_2CO_3 ➤ பொஸ்போரிக்மிலம் H_3PO_4 

K
 Na
 Ca
 Mg
 Al
 Zn
 Fe
 Sn
 Pb
 (H)
 Cu
 Hg
 Ag
 Pt
 Au



അവസരം

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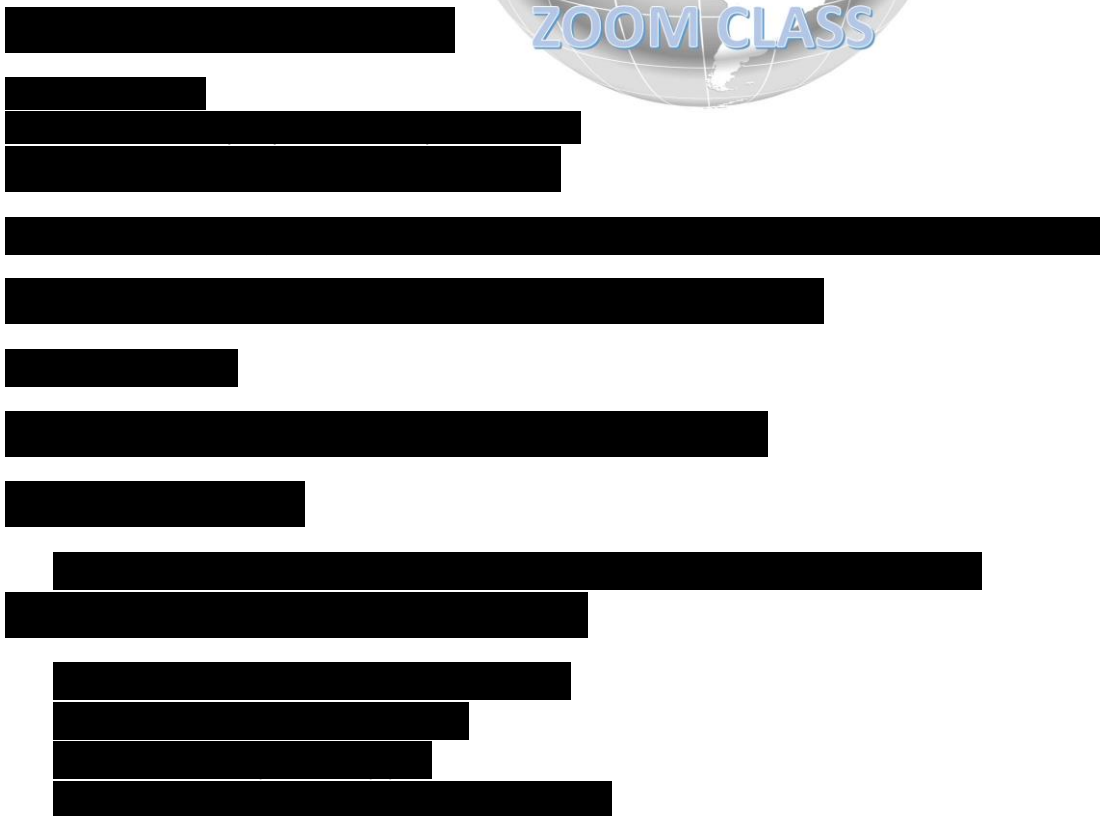
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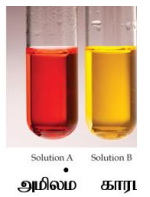
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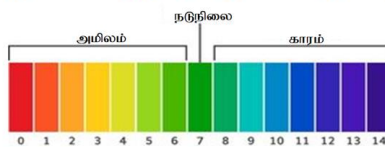


இது சர்வதேச காட்டியாகும்.



pH பெறுமானம் குறைவடையும் போது அமிலத்தன்மை அதிகரிக்கும்.

pH பெறுமானம் அதிகரிக்கும் போது காரத்தன்மை அதிகரிக்கும்.



V - VIOLET ஊதா
I - INDIGO கரு நீலம்
B - BLUE நீலம்
G - GREEN பச்சை
Y - YELLOW மஞ்சள்
O - ORANGE செம்பழுச்சி
R - RED சிவப்பு

இரசாயன தாக்கங்களின் வெப்ப விளைவு

இரசாயனவியல்

8

சக்தி
மட்டம்

விளைவுகள்

தாக்கிகள்

சக்தி உறிஞ்சப்படும்

சக்தி
மட்டம்

தாக்கிகள்

விளைவுகள்

சக்தி
வெளிவிடப்படும்

[REDACTED]

[REDACTED]

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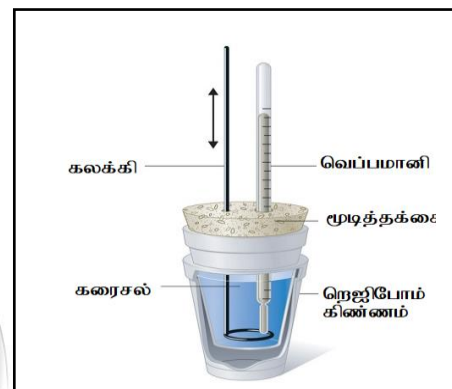
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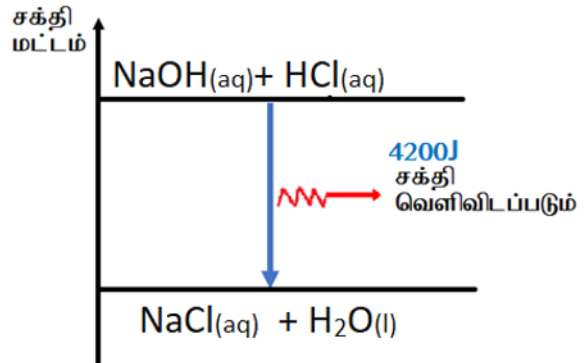
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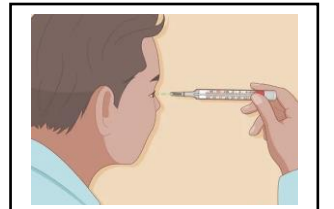
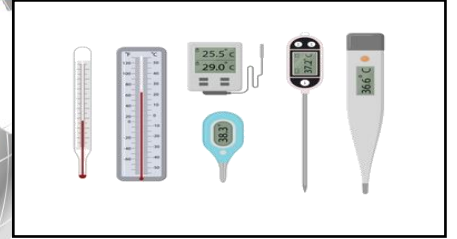
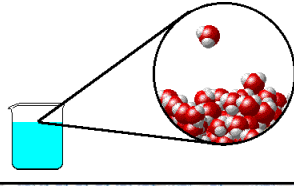
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வெப்பம்

பௌதிகவியல்

9





SCIENCE WORLD

V.NIR

BATT

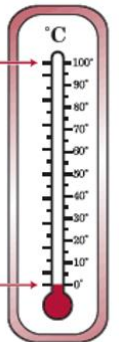
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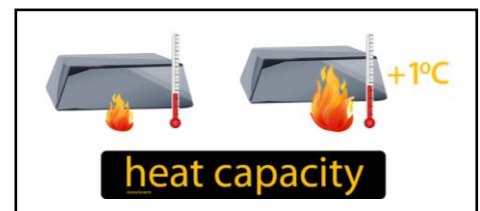
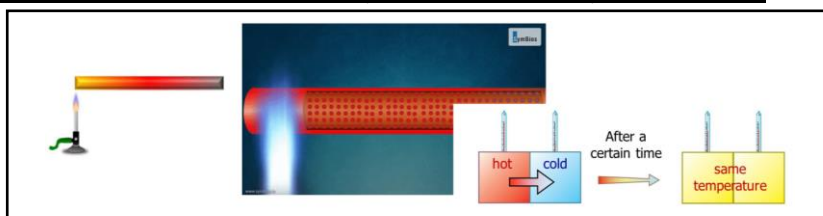
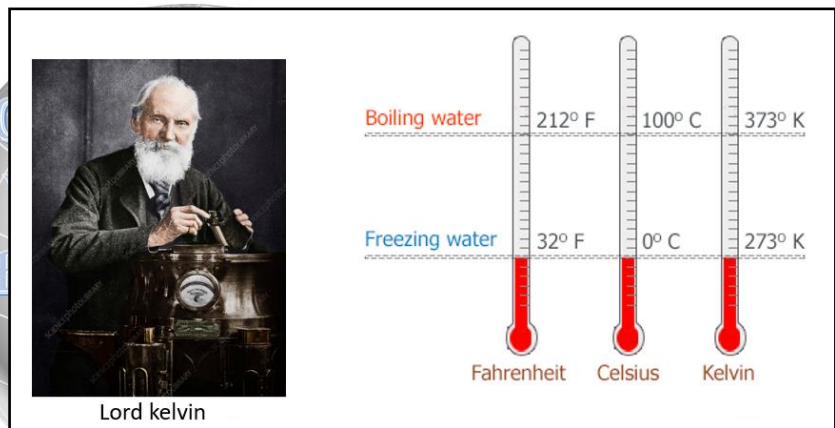
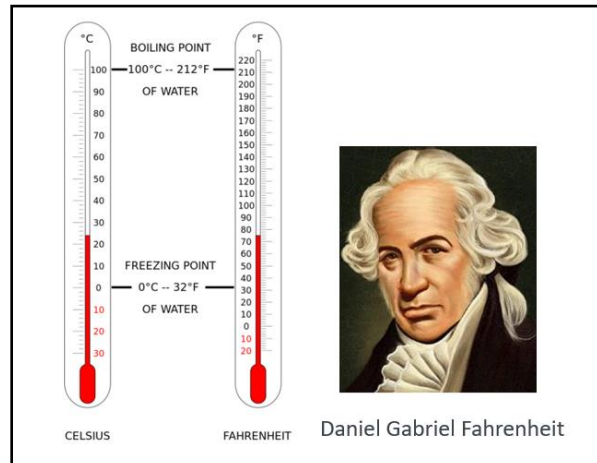
ZOOM



நீர் Water boils 100°
கொதித்தல்

நீர் Water freezes 0°
உறைதல்







$$Q = MC\theta$$

பொருள்

உருகுநிலை °C

பொருள்

உருகுநிலை °C

பனிக்கட்டி

0

நாகம்

410

பரவின் மெழுகு

54

அலுமினியம்

660

நப்தலீன்

80

பொன்

1063

கந்தகம்

114

தாங்குதன்

5385

ஈயம்

330

இரும்பு

1535

பொருள்

நீர்

அற்கோஸ்

இரசம்

நாகம்

செம்பு

இரும்பு

ஓட்சிசன்

கொதிநிலை °C

100

78

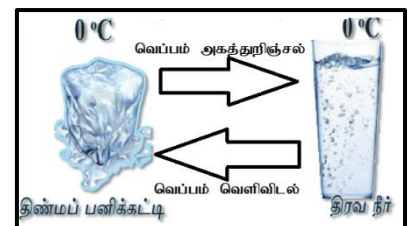
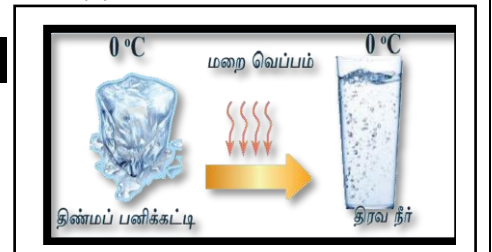
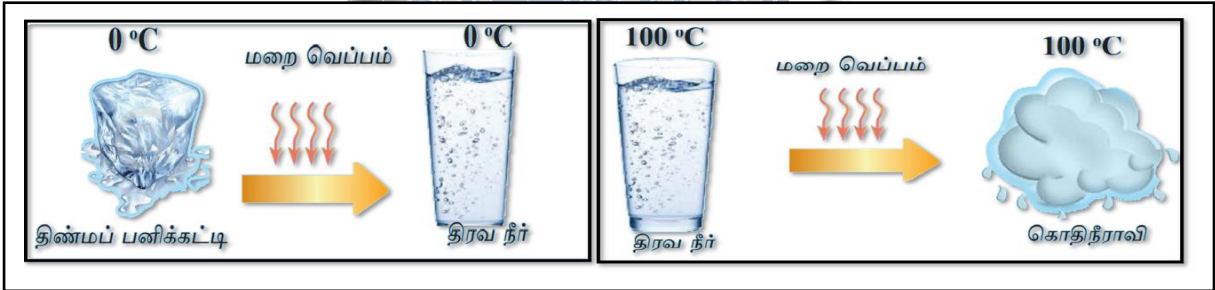
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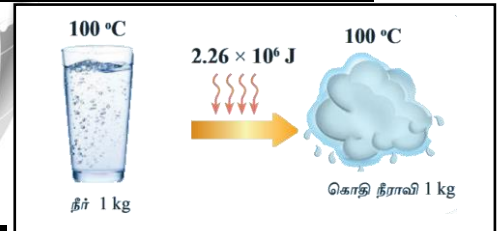
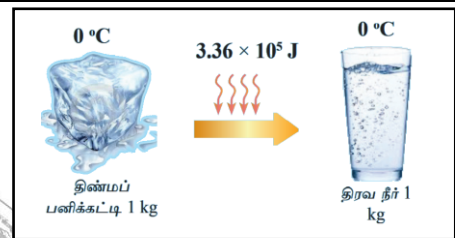
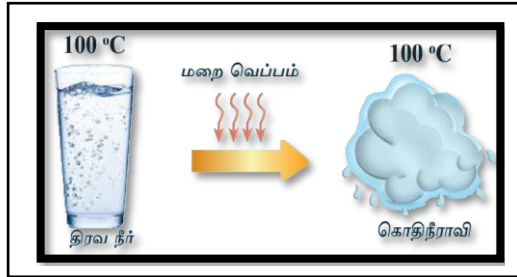
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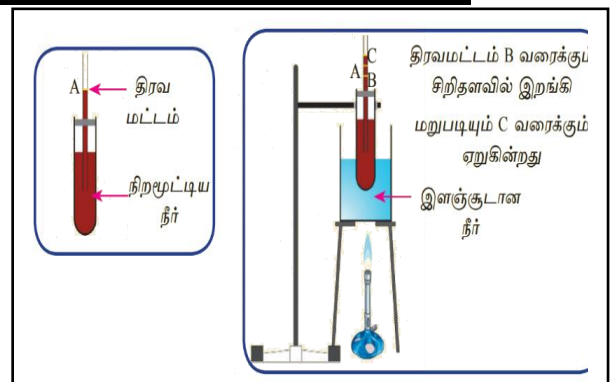
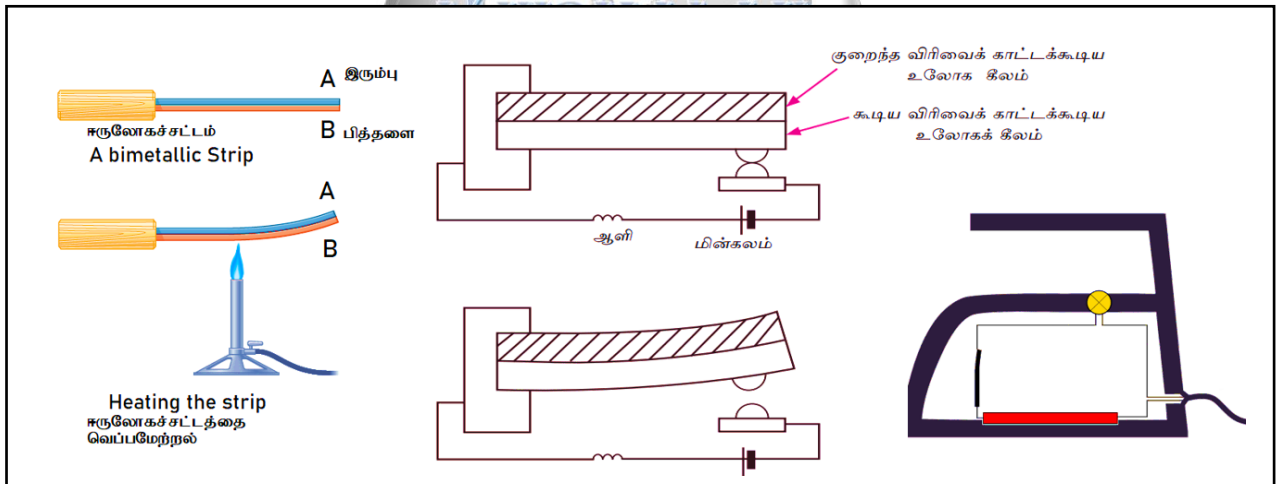
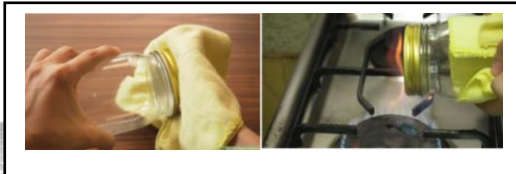
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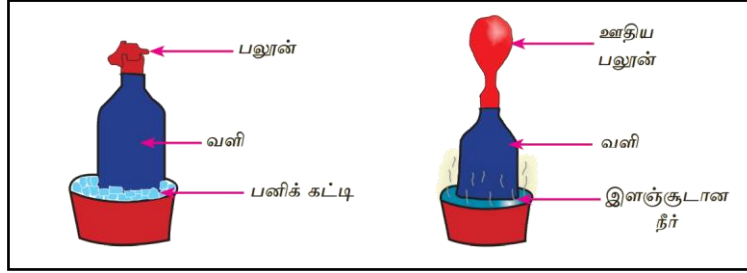
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-183





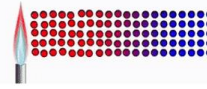




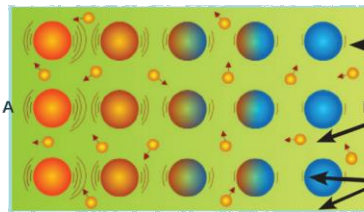
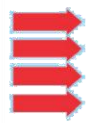
SCIENCE WORLD

ZOOM C

Conduction of Heat



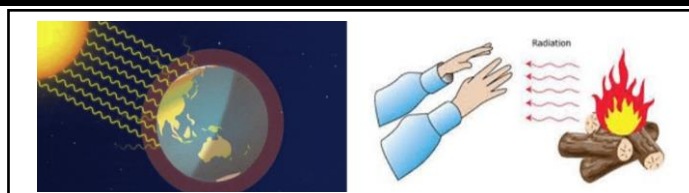
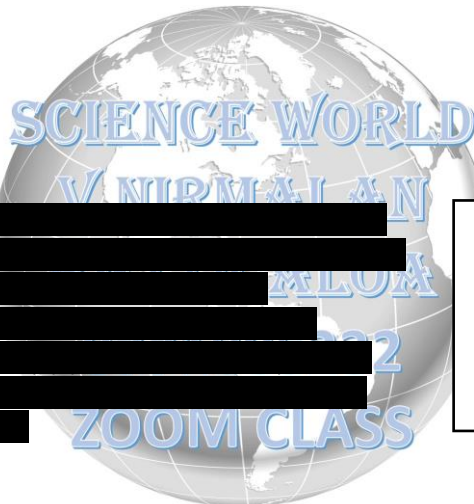
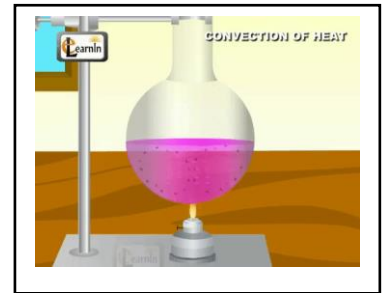
வெப்பம்

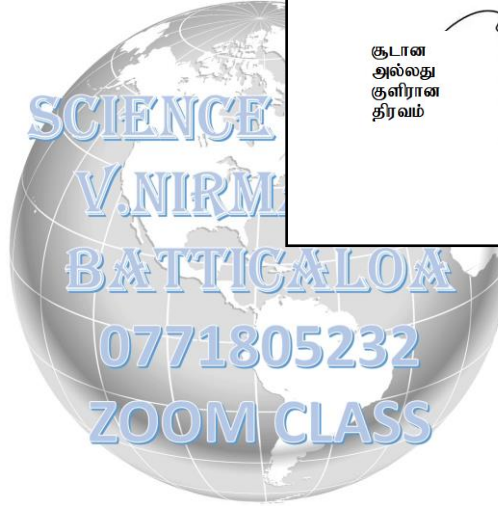
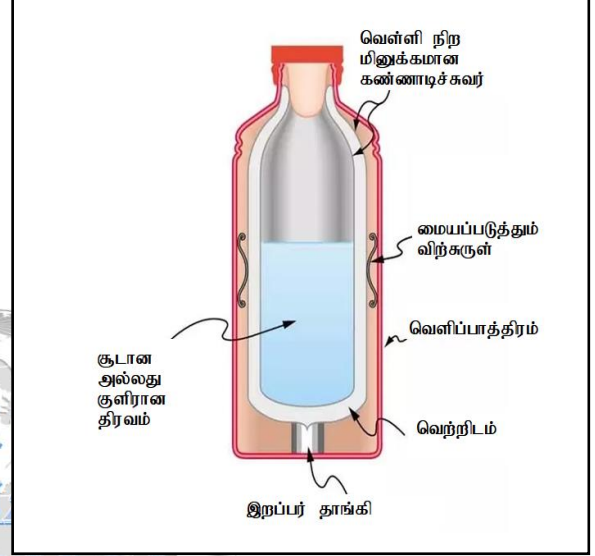
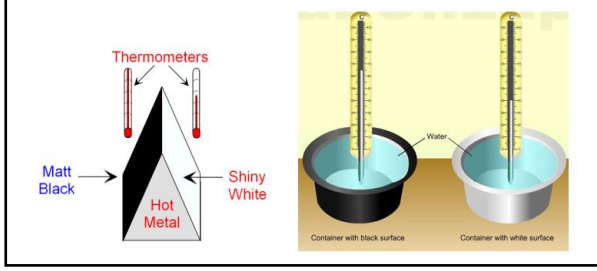


உலோகக் கோல்

இயங்கும் சுயாதீன இலத்திரான்கள்

அதிரும் அணுக்கள்





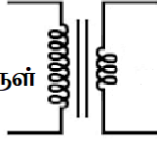
மின் சாதனங்களின் வலுவும் சக்தியும்

பொதுவாக

10

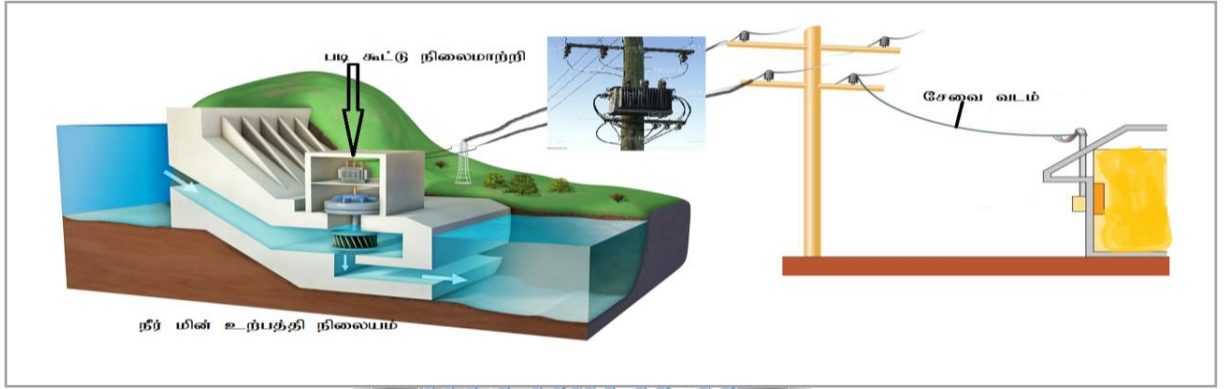
11000V

முதல் சுருள்

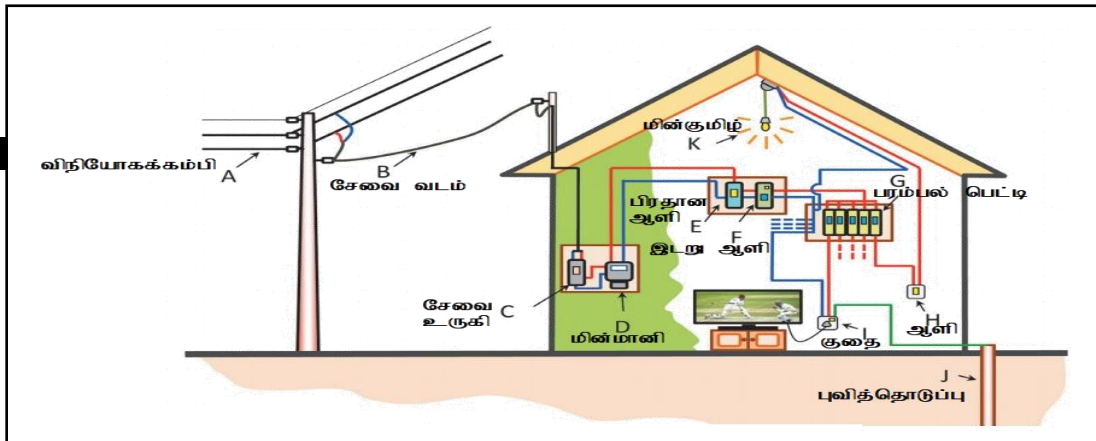


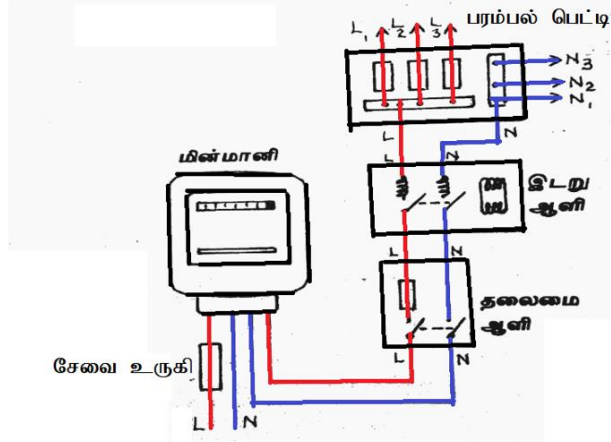
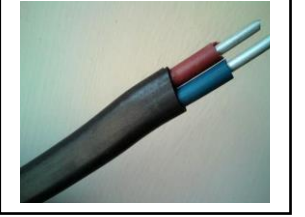
தொண்டி சுருள்

230V



0771805232
ZOOM CLASS

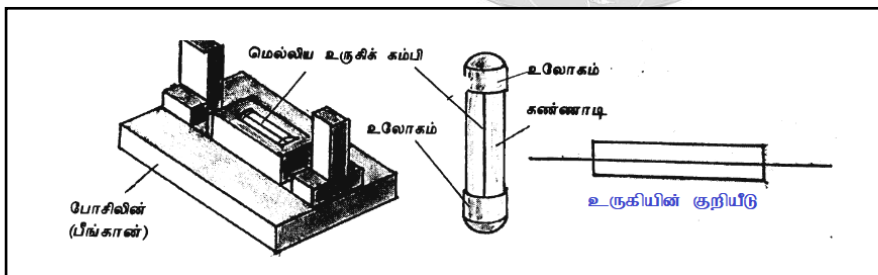


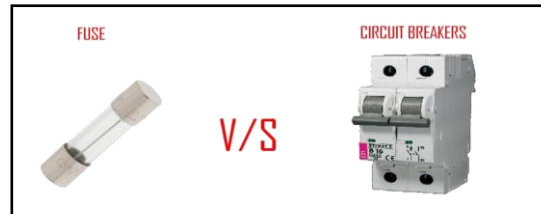
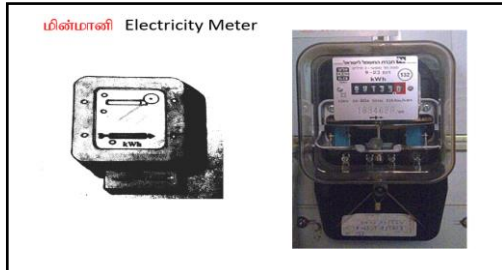
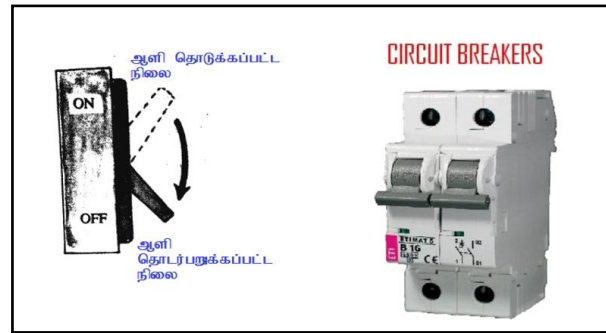


L-உயிர்க்கம்பி
N-நொதுமல் கம்பி

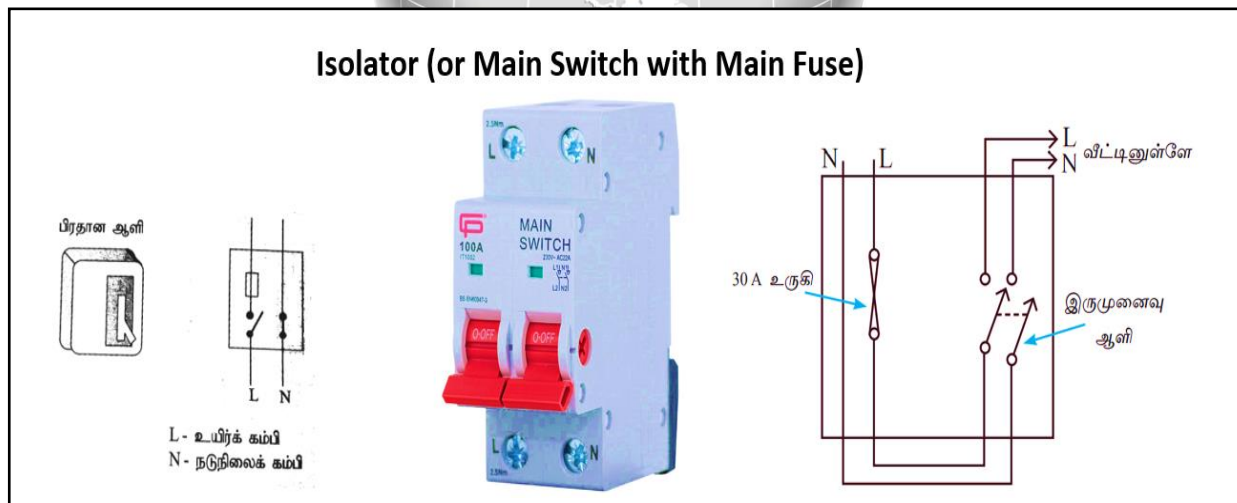
லீட்டு மின்கற்றில் பிரதான
கூறுகளைத் தொடுத்தல்

சேவை உருகி → மின்மானி → பிரதான ஆளி → இடறு ஆளி → பரம்பல் பெட்டி

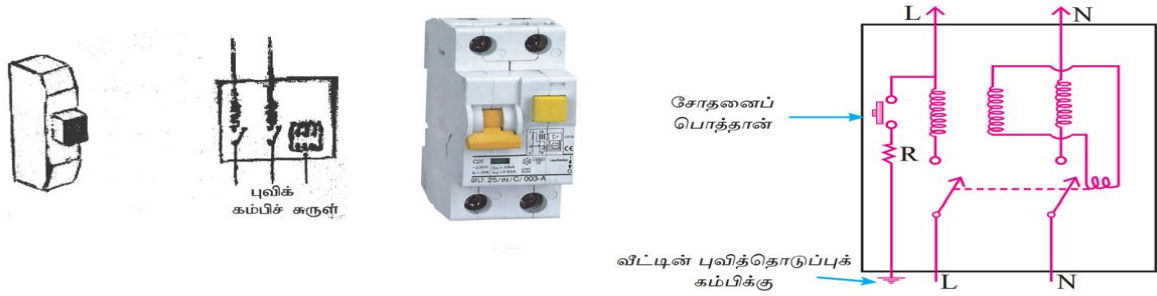




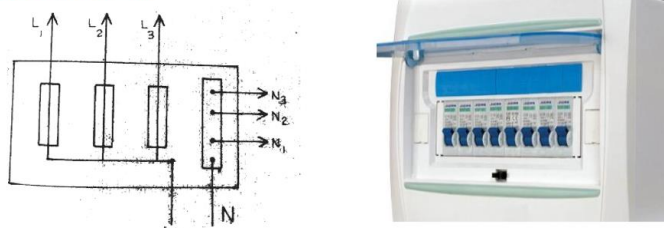
[Redacted text block]



Residual Current Circuit Breaker - RCCB (or Trip Switch)



பரம்பற்பெட்டி Distribution Box



தனி ஆளி

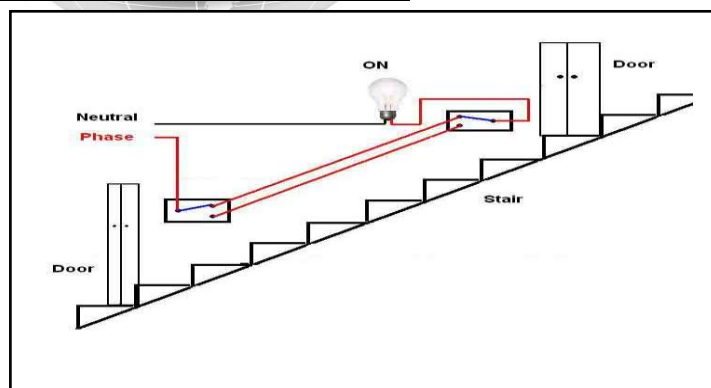
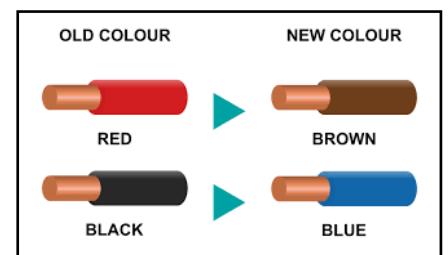
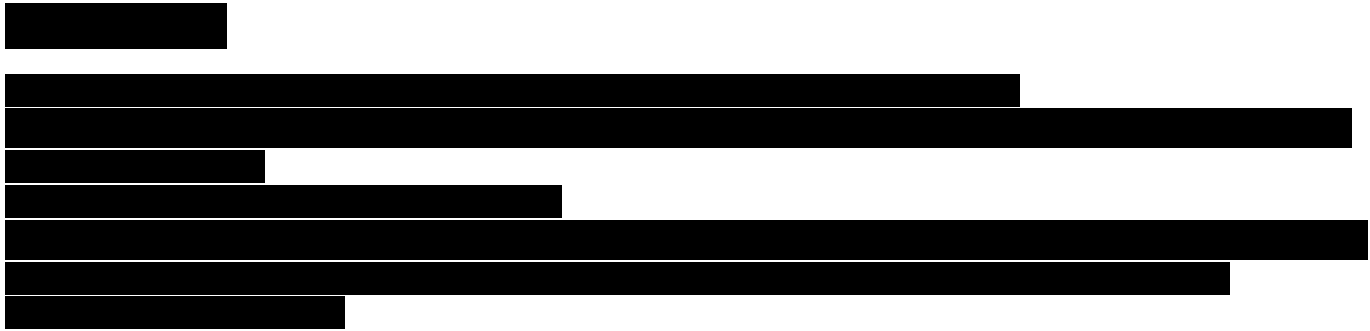


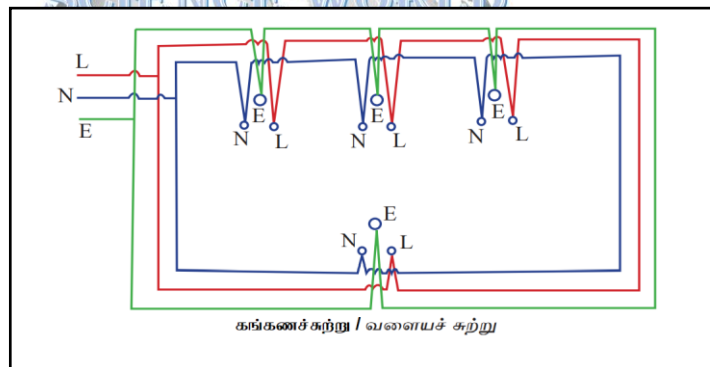
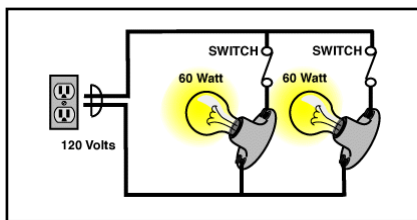
இரட்டை ஆளி



மும்மை ஆளி







[REDACTED]



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



[REDACTED]