

YEAR 13 Batch 1 & 2 - BIOLOGY

WEEK 13 (22nd Nov – 26th Nov)

Work sent through Google classroom/G mail/Online Quiz/ZOOM Learning Platform

Topic 6 -Microbiology and pathogens [6.3.2 ,6.3.4—Specific response to infection & developing immunity]

L.O- Discuss specific immune response to infection & Immunity

Biology Students Book 2

<p>B2- Sunday – 0 period (Zoom)</p> <p>B1- Tuesday –5 th period (Zoom)</p>	<p>Students able to-</p> <ul style="list-style-type: none">●Describe the development of humoral and cell mediated response●Explain the role of the T cell and B memory cells in the secondary response. <p>BOARD WORKS-AS—Immunology 8-20]</p> <p>Video and PPT: Third line of defence</p> <p>:www.science.co.uk/biology/Third line of defence.html, www.internet4classrooms.com</p> <p>A short video clip of killer T cell action can be found at www.cellsalive.com (go to 'Immune Response').</p> <p>An interactive overview of immune responses is available at www.nobelprize.org (click on 'Educational').</p> <p>Text Book Page Numbers – 81-83</p> <p>Find out about the work on immunology by Mechnikov and Ehrlich for which they were awarded the Nobel Prize in 1908</p>
<p>B1- Thursday – 1st and 2nd period (Zoom)</p> <p>B2 - Monday – 8th & Thursday 7th period (Zoom)</p>	<p>Students able to-</p> <ul style="list-style-type: none">●Explain the active and passive immunity●Describe how the vaccination can be used in the control of disease and the development of herd immunity . <p>BOARD WORKS-AS—Immunology 8-20]</p> <p>Video and PPT: Developing immunity</p> <p>:www.science.co.uk/biology/immunity.html, www.internet4classrooms.com</p> <p>A short video clip of killer T cell action can be found at www.cellsalive.com (go to 'Immune Response').</p> <p>An interactive overview of immune responses is available at www.nobelprize.org (click on 'Educational').</p> <p>Text Book Page Numbers – 84-86</p>

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Topic 5.2:- Photosynthesis

L.O – Discuss concepts on limiting factors for photosynthesis. Compare photosynthesis in C3 , C4 & CAM plants .

Biology Students Book 2

<p>B2 - Sunday – 6th & 7th Period (Zoom)</p> <p>B1- Monday –1st &2nd Period (Zoom)</p>	<p>Students able to</p> <ul style="list-style-type: none">● Identify limiting factors related to photosynthesis● Predict the effect of various factors in photosynthesis.● Analyse graphs on limiting factors in photosynthesis with reference to carbon dioxide concentration, light intensity and temperature. <p>Resources: Board works & PPT – Photosynthesis & Video link https://www.youtube.com/watch?v=hWL3GWOHAOw https://www.youtube.com/watch?v=go8V2GQq268</p> <p>Students to complete text book questions pg.37 q.1-4</p>
<p>B2 - Monday– 3rd Period (Zoom)</p> <p>B1 -Tuesday – 4th Period (Zoom)</p>	<p>Students able to</p> <ul style="list-style-type: none">● Define photorespiration.● Explain adaptive features of C3 , C4 & CAM plants .● Compare photorespiration to photosynthesis <p>Resources: Board works & PPT – Photosynthesis & Video link https://www.youtube.com/watch?v=RbqOSlissF8 https://www.youtube.com/watch?v=HbLg4IMpUa8</p> <p>Students to complete text book questions pg.39 q.1-4 – Thinking Bigger- C3 or C4?</p>