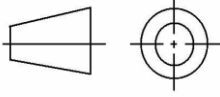
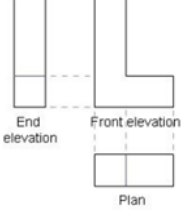
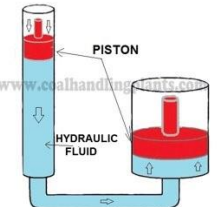
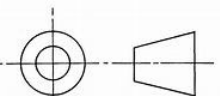
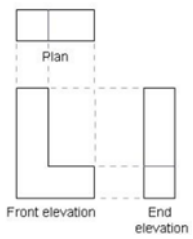
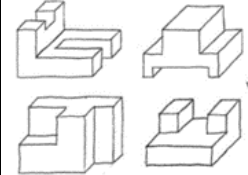
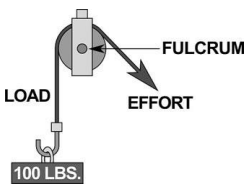
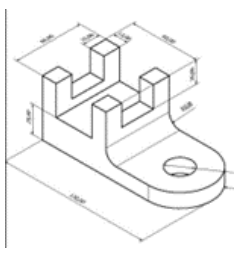


Complete a question each day in the run up to your engineering exam.

Friday 7th June AM

<p>1st April</p> <p>Name 3 advantages of using satellites.</p>	<p>2nd April</p>  <p>Name this symbol and explain how the views are set out</p>	<p>3rd April</p> <p>Name all 9 of the COSHH symbols</p>	<p>4th April</p> <p>How do you convert between metric and imperial</p>	<p>5th April</p>  <p>What drawing technique is this? And what are the rules?</p>	<p>6th April</p> <p>How have software engineers improved our daily lives.</p>	<p>7th April</p> <p>Explain why fibre optics are better than copper wires.</p>
<p>8th April</p> <p>Name the 3 scales and a product which would be drawn using each</p>	<p>9th April</p> <p>Define hydraulics and explain how it works</p> 	<p>10th April</p> <p>How many days do you have to report a accident to RIDDOR</p>	<p>11th April</p> <p>Explain what each of the saws are used for:</p> <ul style="list-style-type: none"> • Tenon • Coping • Hack • Bandsaw 	<p>12th April</p> <p>How have chemical engineers improved our daily lives.</p>	<p>13th April</p> <p>Name the 3 units for temperature</p>	<p>14th April</p> <p>Why is a title block important?</p>
<p>15th April</p> <p>What does COSHH stand for?</p>	<p>16th April</p>  <p>Name this symbol and explain how the views are set out</p>	<p>17th April</p> <p>What British Standard is used on engineering drawings? Why do we use it?</p>	<p>18th April</p> <p>Name 3 PPE that you would wear when welding</p>	<p>19th April</p> <p>What does RIDDOR stand for?</p>	<p>20th April</p> <p>What is a risk assessment? Explain the 3 features of it. do we complete it?</p>	<p>21st April</p> <p>Name 3 metric units</p>
<p>22nd April</p> <p>Draw the tolerance symbol</p>	<p>23rd April</p> <p>Name an advantage and disadvantage of creating engineering drawings by hand and on a computer</p>	<p>24th April</p> <p>What does G stand for in 3g,4g and 5g. What is the difference between each</p>	<p>25th April</p>  <p>What drawing technique is this? And what are the rules?</p>	<p>26th April</p> <p>Name 2 PPE that you would wear when on a lathe</p>	<p>27th April</p>  <p>What drawing technique is this? And what are the rules?</p>	<p>28th April</p> <p>Name 3 mechanical properties and explain them</p>
<p>29th April</p>  <p>What is a pulley? How does it work.</p>	<p>30th April</p>  <p>What drawing technique is this? And what are the rules?</p>	<p>1st May</p> <p>Name 3 electrical and magnetic properties and explain them</p>	<p>2nd May</p> <p>Define the term 'Ceramics' can you think of 3 and give an explanation to the application</p>	<p>3rd May</p> <p>What is the difference between AC and DC</p>	<p>4th May</p> <p>Define the term tolerance</p>	<p>5th May</p> <p>Define the term alloy</p>

6 th May	7 th May	8 th May	9 th May	10 th May	11 th May	12 th May
Name the 5 line types used in orthographic drawings and explain what they are used for?	Name 3 units for mass	Name 2 PPE that you would wear when soldering	Define the term 'aesthetics'	Define the term carbon footprint	Name 3 pieces of information which should be included in a title block?	What is luminous intensity measured in?
13 th May	14 th May	15 th May	16 th May	17 th May	18 th May	19 th May
How would you safely set up a pillar drill	Name and explain the 3 types of polymers? Can you name 2 of each and give an application	Explain the term bandwidth	Name 3 imperial units	Engineering drawings can also be known as other names. Name 2 other names it can be known as?	Name 3 thermal properties and explain them	Define the term 'sustainability'
20 th May	21 st May	22 nd May	23 rd May	24 th May	25 th May	26 th May
What is current measured in?	Name the all 6R's and explain them	What is a mole?	2 advantages and 2 disadvantages of using fossil fuels	Name and explain the 3 types of timbers? Can you name 2 of each and give an application	Name 3 'Marking out' tools and explain their use	Explain why we create production plan, give 4 things you would expect to find in it
27 th May	28 th May	29 th May	30 th May	31 st May	1 st June	2 nd June
Name 3 chemical properties and explain them	What does CNC stand for? Name 3 machines which would use this	What are the 4 types of screws. Draw what they look like	How have biomedical engineers improved our daily lives.	Name 2 components used for joining metal and 2 for wood	Explain would you safely set up a workshop, what features would you expect to see	What is quality control? Name 3 examples of it
3 rd June	4 th June	5 th June	6 th June	7 th June		
What is the difference between ferrous and non ferrous metals? Can you name 2 of each and give an application	Name 2 optical properties and explain them	Name 3 types of welding and explain the difference	Explain what annotations would be added to a drawing	Exam day! Define the term 'Ceramics' can you think of 3 and give an explanation to the application		