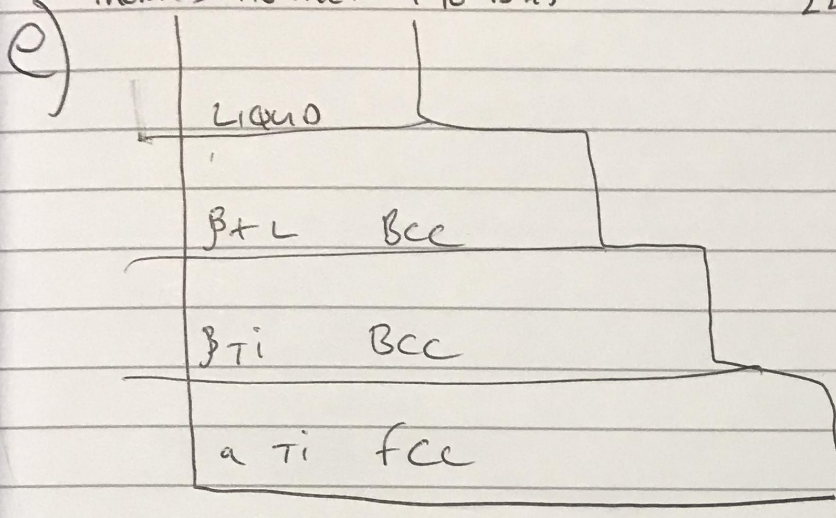


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22 JAN 2020

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QUESTION 3

a) CONSIDER THESE

ALUMINIUM - IS MACHINABLE TO TIGHT TOLERANCES
 HAS HIGH YOUNG'S MODULUS
 IS LOW DENSITY COMPARED TO OTHER
 METALS. HAS LOW DUCTILITY TO ABSORB
 IMPACT

CARBON FIBRE - EXCELLENT STRENGTH IS LIGHTER
 - THINER MOST MATERIAL IN THIS AREA
 - MATERIAL IS BRITTLE AND IS
 EXTENSIVE

B4C - HIGH STIFFNESS
 - STRONG
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