A Level DT - Paper 1 – Technical Principles Mock Analysis – PG ONLINE – SERIES A

Mark	**/120**
Percentage	

What areas of the paper do you believe were your strengths?

……

Which are areas for require development?

……

Unit 1 Technical Principles (tick if you got it correct, cross if incorrect – Use the RAG system to highlight also. Red = Under half marks or incorrect, Amber = half marks and above but not full, green = Full marks)

1	Performance characteristics of paper and boards(1.2)		9a	Performance characteristics of modern materials (1.2) KEVLAR AND PMC	
2	Forming, redistribution and addition processes (1.4)		9b		
3a	Responsible design (2.8) – MATHS - PERCENTAGES		10a	Forming, redistribution and addition processes (1.4) BLOW MOULDING	
3b	Responsible design (2.8) – MATHS – PIE CHARTS		10b	Materials and their applications (1.1) POLYMERS	
4a	Materials and their applications (1.1) MANUFACTURED BOARDS		10c	Performance characteristics of polymers (1.2)	
4b	Performance characteristics of woods (1.2) SHEETS		10d	Forming, redistribution and addition processes (1.4) BLOW MOULDING	
4c	Performance characteristics of woods (1.2)		11	Modern industrial and commercial practice (1.6) CONTROL MANUFACTURING	
5	Materials and their applications (1.1) POLYMERS		12	Performance characteristics of polymers (1.2)	
6a	Performance characteristics of metals (1.2) HARDNESS and TOUGHNESS TESTING		13	Digital design and manufacture (1.7) VIRTUAL MODELLING	
6b			14	Forming, redistribution and addition processes (1.4) and The use of finishes (1.5) METALS AND POLYMERS	
7a i	Forming, redistribution and addition processes (1.4) LAMINATING – MATHS - RADIUS		15a	Forming, redistribution and addition processes (1.4) – MATHS - AREA	
7a ii			15b	Forming, redistribution and addition processes (1.4) – MATHS - TRIG	
7b	Forming, redistribution and addition processes (1.4) LAMINATING – MATHS - PERCENTAGES		15c	Forming, redistribution and addition processes (1.4) JIGS	
8	Performance characteristics of smart materials (1.2)		16	Modern industrial and commercial practice (1.6) IN HOUUSE VERTICAL PRODUCTION	

Based upon the analysis above, over half term I must revise:

1-   4-

2-   5-

3-   6-

WWW

EBI

Student Action: