RAPID PROTOTYPING - 3D PRINTING

WORLD ASSOCIATION OF TECHNOLOGY TEACHERS

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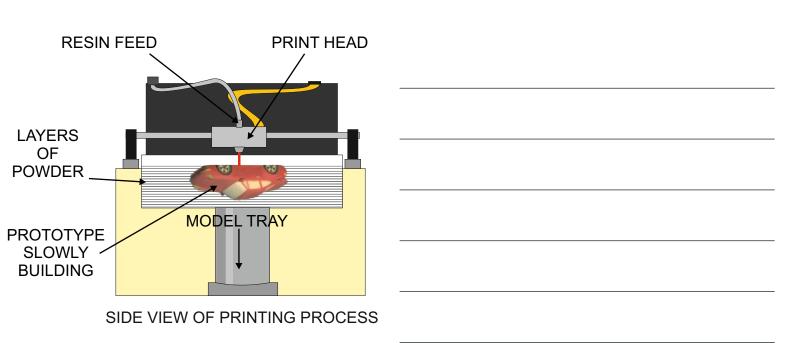
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1. Explain why rapid prototyping, in particular 3D printing, is becoming more common in manufacturing industry. The key words / phrases below, may help you answer this question. **7** *marks*

QUICK	REALISTIC 3D MODELS	FOCUS GROUPS	POTENTIAL CLIENTS
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2. The diagram below, shows a 3D model slowly taking shape, as it is manufactured on a 3D Printer. With reference to the diagram, describe how a 3D model is manufactured using this type of machine. **4 marks**



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List six advantages of producing a prototype model using a 3D printer.	6 marks
A.	
B.	
C.	
D.	
E.	
F.	