

Mark Scheme (Results)

Summer 2013

Principal Learning
Manufacturing and Product Design
(MP101/01)

## **Edexcel and BTEC Qualifications**

Edexcel and BTEC qualifications come from Pearson, the world's leading learning company. We provide a wide range of qualifications including academic, vocational, occupational and specific programmes for employers. For further information, please visit our website at <a href="https://www.edexcel.com">www.edexcel.com</a>.

Our website subject pages hold useful resources, support material and live feeds from our subject advisors giving you access to a portal of information. If you have any subject specific questions about this specification that require the help of a subject specialist, you may find our Ask The Expert email service helpful.

www.edexcel.com/contactus

## Pearson: helping people progress, everywhere

Our aim is to help everyone progress in their lives through education. We believe in every kind of learning, for all kinds of people, wherever they are in the world. We've been involved in education for over 150 years, and by working across 70 countries, in 100 languages, we have built an international reputation for our commitment to high standards and raising achievement through innovation in education. Find out more about how we can help you and your students at: <a href="https://www.pearson.com/uk">www.pearson.com/uk</a>

Summer 2013
Publications Code DP036333
All the material in this publication is copyright
© Pearson Education Ltd 2013

1	Question Number	Answer	Mark
Number         2         D         (1)           Question Number         Answer         Mark           3         D         (1)           Question Number         Answer         Mark           4         B         (1)           Question Number         Answer         Mark           5         D         (1)           Question Number         Answer         Mark           6         A         (1)           Question Number         Answer         Mark           8         B         (1)           Question Number         Answer         Mark           Number         A         (1)           Question Number         Answer         Mark           Number         In the control of	1	Α	(1)
Question Number         Answer         Mark           3         D         (1)           Question Number         Answer         Mark           4         B         (1)           Question Number         Answer         Mark           5         D         (1)           Question Number         Answer         Mark           6         A         (1)           Question Number         Answer         Mark           Number         B         (1)           Question Number         Answer         Mark           Number         9         A         (1)           Question Number         Answer         Mark           Number         10         B         (1)           Question Number         Answer         Mark           Number         Mark         Mark           11         D         (1)		Answer	Mark
Number         3         D         (1)           Question Number         Answer         Mark           4         B         (1)           Question Number         Answer         Mark           5         D         (1)           Question Number         Answer         Mark           6         A         (1)           Question Number         Mark         Mark           7         B         (1)           Question Number         Mark         Mark           8         B         (1)           Question Number         Mark         Mark           9         A         (1)           Question Number         Mark         Mark           10         B         (1)           Question Number         Mark         Mark           11         D         (1)	2	D	(1)
Number         3         D         (1)           Question Number         Answer         Mark           4         B         (1)           Question Number         Answer         Mark           5         D         (1)           Question Number         Answer         Mark           6         A         (1)           Question Number         Mark         Mark           7         B         (1)           Question Number         Mark         Mark           8         B         (1)           Question Number         Mark         Mark           9         A         (1)           Question Number         Mark         Mark           10         B         (1)           Question Number         Mark         Mark           11         D         (1)	0	A	Marila
Question Number         Answer         Mark           4         B         (1)           Question Number         Answer         Mark           5         D         (1)           Question Number         Answer         Mark           6         A         (1)           Question Number         Answer         Mark           Number         B         (1)           Question Number         Answer         Mark           Number         9         A         (1)           Question Number         Answer         Mark           10         B         (1)           Question Number         Answer         Mark           11         D         (1)           Question Number         Answer         Mark           Number         Mark         Mark	Number		
Number         4         B         (1)           Question Number         Answer Number         Mark Name Number           5         D         (1)           Question Number         Answer Number         Mark Name Number           7         B         (1)           Question Number         Answer Number         Mark Name Number           9         A         (1)           Question Number         Answer Number         Mark Name Number           10         B         (1)           Question Number         Answer Number         Mark Number           11         D         (1)           Question Number         Answer Number         Mark Number           11         D         (1)	3	D	(1)
Number         4         B         (1)           Question Number         Answer Number         Mark Name Number           5         D         (1)           Question Number         Answer Number         Mark Name Number           7         B         (1)           Question Number         Answer Number         Mark Name Number           9         A         (1)           Question Number         Answer Number         Mark Name Number           10         B         (1)           Question Number         Answer Number         Mark Number           11         D         (1)           Question Number         Answer Number         Mark Number           11         D         (1)	0 !!	1	
Question Number         Answer         Mark           5         D         (1)           Question Number         Answer         Mark           6         A         (1)           Question Number         Answer         Mark           7         B         (1)           Question Number         Answer         Mark           8         B         (1)           Question Number         Answer         Mark           9         A         (1)           Question Number         Answer         Mark           10         B         (1)           Question Number         Answer         Mark           11         D         (1)           Question Number         Answer         Mark           Mumber         Answer         Mark	Number		
Number         D         (1)           Question Number         Answer         Mark           6         A         (1)           Question Number         Answer         Mark           7         B         (1)           Question Number         Answer         Mark           8         B         (1)           Question Number         Answer         Mark           9         A         (1)           Question Number         Answer         Mark           10         B         (1)           Question Number         Answer         Mark           11         D         (1)           Question Number         Answer         Mark           Number         Mark         Mark	4	В	(1)
Number         D         (1)           Question Number         Answer         Mark           6         A         (1)           Question Number         Answer         Mark           7         B         (1)           Question Number         Answer         Mark           8         B         (1)           Question Number         Answer         Mark           9         A         (1)           Question Number         Answer         Mark           10         B         (1)           Question Number         Answer         Mark           11         D         (1)           Question Number         Answer         Mark           Number         Mark         Mark	0!!	A	Marila
Question NumberAnswerMark6A(1)Question NumberAnswerMark7B(1)Question NumberAnswerMark8B(1)Question 	Number		
Number         (1)           Question Number         Answer         Mark           7         B         (1)           Question Number         Answer         Mark           8         B         (1)           Question Number         Answer         Mark           9         A         (1)           Question Number         Answer         Mark           10         B         (1)           Question Number         Answer         Mark           11         D         (1)           Question Number         Answer         Mark           Number         Answer         Mark           Number         Answer         Mark	5	D	(1)
Number         (1)           Question Number         Answer         Mark           7         B         (1)           Question Number         Answer         Mark           8         B         (1)           Question Number         Answer         Mark           9         A         (1)           Question Number         Answer         Mark           10         B         (1)           Question Number         Answer         Mark           11         D         (1)           Question Number         Answer         Mark           Number         Answer         Mark           Number         Answer         Mark	-	1.	
Question Number         Answer         Mark           7         B         (1)           Question Number         Answer         Mark           Mumber         Answer         Mark		Answer	Mark
Number         7         B         (1)           Question Number         Answer         Mark           8         B         (1)           Question Number         Answer         Mark           9         A         (1)           Question Number         Mark         Mark           10         B         (1)           Question Number         Answer         Mark           11         D         (1)	6	A	(1)
Number         7         B         (1)           Question Number         Answer         Mark           8         B         (1)           Question Number         Answer         Mark           9         A         (1)           Question Number         Mark         Mark           10         B         (1)           Question Number         Answer         Mark           11         D         (1)			
Question Number Answer   8 B   Question Number Mark   9 A   Question Number Mark   10 B   Question Number Mark   11 D   Question Number Mark   Mark Mark   Mark Mark   Mark Mark   Mark Mark		Answer	Mark
NumberB(1)Question NumberAnswerMark9A(1)Question NumberAnswerMark10B(1)Question NumberAnswerMark11D(1)Question NumberAnswerMarkNumberMarkMark	7	В	(1)
NumberB(1)Question NumberAnswerMark9A(1)Question NumberAnswerMark10B(1)Question NumberAnswerMark11D(1)Question NumberAnswerMarkNumberMarkMark			
Question NumberAnswerMark9A(1)Question NumberAnswerMark10B(1)Question NumberAnswerMark11D(1)Question NumberAnswerMark11D(1)		Answer	Mark
Number9A(1)Question NumberAnswerMark10B(1)Question NumberAnswerMark11D(1)Question NumberAnswerMark	8	В	(1)
Number9A(1)Question NumberAnswerMark10B(1)Question NumberAnswerMark11D(1)Question NumberAnswerMark			
Question NumberAnswerMark10B(1)Question NumberAnswerMark11D(1)Question NumberAnswerMark		Answer	Mark
Number 10 B (1)  Question Answer Mark Mark 11 D (1)  Question Answer Mark Mark Mark Number Mark Mark		A	(1)
Number 10 B (1)  Question Answer Mark Mark 11 D (1)  Question Answer Mark Mark Mark Number Mark Mark			
10B(1)Question NumberAnswerMark11D(1)Question NumberAnswerMark		Answer	Mark
Number  11 D (1)  Question Answer Mark		В	(1)
Number  11 D (1)  Question Answer Mark			
11 D (1)  Question Answer Mark		Answer	Mark
Question Answer Mark Number		D	(1)
Number			
		Answer	Mark
		В	(1)

Question Number	Answer	Mark
13	В	(1)
Ougation	Anguar	Mosk
Question Number	Answer	Mark
14	A	(1)
Question	Answer	Mark
Number		
15	C	(1)
0 11		
Question Number	Answer	Mark
16	В	(1)
0	Arabusara	Mont
Question Number	Answer	Mark
17	A	(1)
	1.	1
Question Number	Answer	Mark
18	D	(1)
Question Number	Answer	Mark
19	В	(1)
Question Number	Answer	Mark
20	В	(1)
Question Number	Answer	Mark
21	В	(1)
Question Number	Answer	Mark
22	С	(1)
Question Number	Answer	Mark
23	С	(1)
Question Number	Answer	Mark
24	A	(1)

Question	Answer	Mark
Number	Allswei	IVIAIK
	Δ	(4)
25	A	(1)
Question	Answer	Mark
Number		
26	В	(1)
Question	Answer	Mark
Number		
27	D	(1)
Question	Answer	Mark
Number		
28	A	(1)
Question	Answer	Mark
Number		
29	С	(1)
	•	
Question	Answer	Mark
Number		
30	Α	(1)

Further copies of this publication are available from Edexcel Publications, Adamsway, Mansfield, Notts, NG18 4FN

Telephone 01623 467467 Fax 01623 450481 Email <u>publication.orders@edexcel.com</u>

Order Code DP036333 Summer 2013

For more information on Edexcel qualifications, please visit our website  $\underline{www.edexcel.com}$ 

Pearson Education Limited. Registered company number 872828 with its registered office at Edinburgh Gate, Harlow, Essex CM20 2JE





