

First Name: _____ Surname: _____



Shrewsbury School

SHREWSBURY SCHOOL

SIXTH FORM ENTRANCE EXAMINATION 2018

BUSINESS STUDIES (1 hour)

Instructions to candidates:

- Answer all questions.

Section A – Multiple Choice
Answer all questions

(15 marks)

1. What is the G8?
 - A. The code name for the next iPhone []
 - B. The interest rate used by the US banks []
 - C. The Conservatives 8 step plan for growth []
 - D. USA, Japan, UK, Germany, France, Italy, Russia and Canada []

2. A merger between what two supermarkets was agreed in 2018?
 - A. Tesco and Asda []
 - B. Asda and Sainsbury's []
 - C. Lidl and Aldi []
 - D. Sainsbury's and Tesco []

3. According to BRANDZ what are the top five most valuable global brands (in order)?
 - A. Apple, Google, Coca-Cola, facebook, McDonald's []
 - B. Google, Apple, Amazon, Microsoft, Tencent []
 - C. Google, Coca-Cola, facebook. IBM, Amazon []
 - D. Apple, Google, Amazon, Samsung, Budweiser []

4. What company has recently acquired the Costa Coffee shop chain?
 - A. Tesco []
 - B. Starbucks []
 - C. Pret A Manager []
 - D. Coca-Cola []

5. Who is the current Brexit Secretary?
 - A. David Davis []
 - B. Theresa May []
 - C. Dominic Raab []
 - D. Boris Johnson []

6. How many member states are there currently in the European Union?
 - A. 25 []
 - B. 28 []
 - C. 31 []
 - D. 35 []

7. Ryanair has had a turbulent 2018 with large scale flight cancellations. What reason have they given for this?

- A. Industrial action by staff []
 - B. Shortages of planes []
 - C. Rising fuel costs []
 - D. Brexit uncertainty []
8. In the summer of 2018 which firm was announced as the first trillion company?
- A. Samsung []
 - B. Google []
 - C. Apple []
 - D. Amazon []
9. James Dyson is best known for his bag-less vacuum cleaners. However, what market does he intend to enter by 2020?
- A. Mobile phone []
 - B. Electric car []
 - C. Television []
 - D. Washing machine []
10. Which person was forced to step down as Chair of their company due to 'fraudulent' tweets?
- A. Tim Cook []
 - B. Mark Zuckerberg []
 - C. Elon Musk []
 - D. Donald Trump []

Please turn over the page for question 11.

In questions 11 to 15 match the logo to the individual associated with that organization:

<p>Example: Richard Branson</p> <p>→</p>	
<p>1. Sergey Brin</p>	
<p>2. Mark Carney</p>	
<p>3. Howard Schultz</p>	
<p>4. Jeff Bezos</p>	 <p>BANK OF ENGLAND</p>
<p>5. Satya Nadella</p>	

Section B – Calculations

(15 marks)

Answer all questions

- 1. Balti Towers is an Indian takeaway that also offer a delivery service. This year, the business delivered 1,512 curries. This was 8% more than last year.

Calculate how many curries Balti Towers sold last year. (3 marks)

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- 2. Car-tastrophe is a car showroom based in Stanhope. The business consists of one manager and three salesman, Jim, Jon and Joseph. Each month, a sum of money is paid as a bonus and is divided in the ratio of the number of cars each salesman has sold. Jim sold seven cars, Jon sold eight cars and Joseph sold nine cars. Joseph received £1,125

Calculate how much money Jim and Jon received. (3 marks)

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3. Salop Engineering Ltd (SEL) mobile communications technology. SEL have just replaced one of their old machines with a new one that will take 5.4 seconds to produce a circuit board. This is 1.8 seconds faster than how long this operation took prior to having the new machine.

A. Calculate the percentage increase in production speed now that the new machine is producing the circuit boards. (3 marks)

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B. How many seconds faster will the new machine need to be in order to decrease the original production time by 66%? (3 marks)

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4. Mark is a teacher and he gets paid a monthly salary. The tax rate on Mark's salary is set at 20% of his monthly salary.

After deducting tax from his salary Mark has the following bills to pay each month:

Mortgage	£800
Electricity	£100
Council Tax	£150
Phone	£50

After tax and after all of the bills are paid Mark is left with £1,000.

What is Mark's original monthly salary before any deductions? (4 marks)

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Section C

(30 marks)

