



Level 3 Certificate

MATHEMATICAL STUDIES

Paper 2A/2B/2C

June 2016

Preliminary Material

To be opened and issued to candidates on
Tuesday 1 March 2016

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INFORMATION

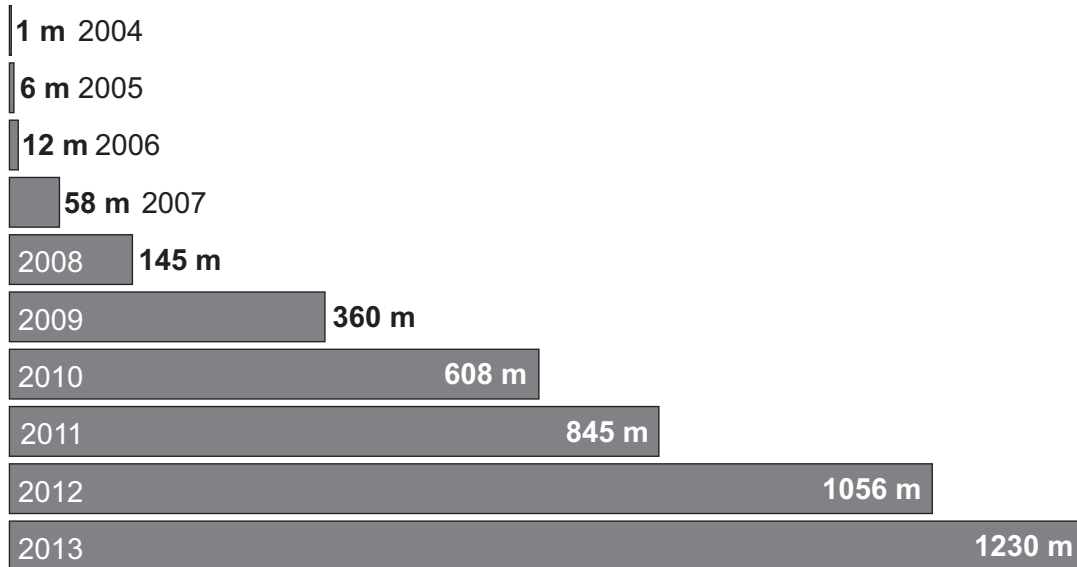
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Facebook Facts

On 4 February 2014, an article about Facebook appeared on the Guardian newspaper's website.

The information below is based on an extract from the article.

Facebook: 10 years of social networking, in numbers



By the end of 2013, Facebook boasted 1230 million (1230m) monthly active users worldwide, adding over 170m in just one year. According to Facebook, 757m users log on to Facebook daily, as of 31 December 2013

\$1bn Facebook buys Instagram

On 9 April 2012, it was announced that Facebook had bought the popular photo-sharing app, Instagram. The app, which now (4 February 2014) also allows users to post videos and share images directly, boasts 150m active users. It had 40m active users at the time of purchase.

24m Britons log on to Facebook each day

Facebook published its number of daily users in the UK for the first time in August 2013 and the figures showed that more than a third of the UK population were visiting the site every day.

\$61.48 Current Facebook share price

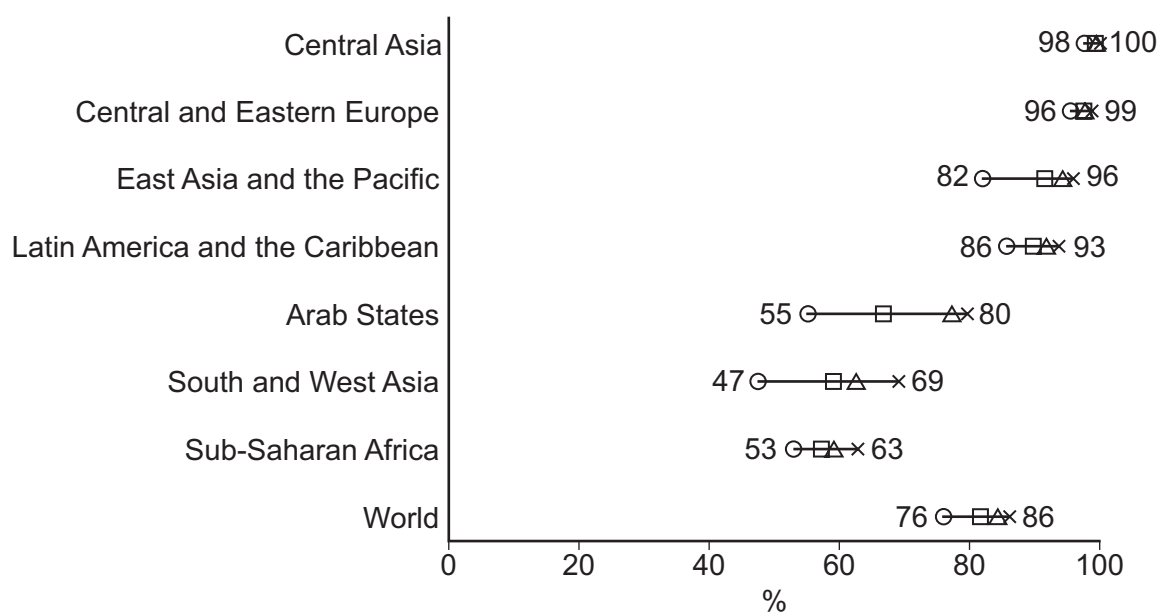
Facebook set the final price of shares in its landmark flotation at \$38 (£24) back in May 2012. The stock now (4 February 2014) changes hands at \$61.48

Global Adult Literacy

The information below is an extract from a fact sheet published by UNESCO's Institute for Statistics (UIS) in September 2014

The UIS is the official source of data used to monitor education and literacy targets. The UIS collects data on adult literacy through its annual survey on literacy and educational attainment. Adult literacy rates concern the population aged 15 years and older.

Figure 1 Adult Literacy Rate, 1990–2015



Key: ○ 1990 □ 2000 △ 2012 × 2015 projected

Table 1 Global Literacy Rates and Population Numbers of Adults, 2012

Adult literacy rate, total	84.3%
Adult literacy rate, male	88.6%
Adult literacy rate, female	80.2%
Adult illiterate population, total	781 million
Adult illiterate population, female share	63.5%

END OF PRELIMINARY MATERIAL

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