FOUNDATION

1.3 Time: 30-minute Pack

EDEXCEL 1MA1 · Calculator allowed · about 30 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 A film starts at 16:25. It lasts 2 hours and 19 minutes. At what time does the film end? Give your answer in the 24-hour clock.

(Total for Question 1 is 2 marks)

---

2 Write down 12:00 midnight in 24-hour clock notation.

(Total for Question 2 is 1 mark)

---

3 Work out the time 6:20 plus 45 minutes.

(Total for Question 3 is 1 mark)

---

4 How many minutes are there in 2 hours 35 minutes?

(Total for Question 4 is 1 mark)

---

5 A cinema screening is listed on the board as 20:50. Write down 20:50 in 12-hour clock notation. Include am or pm.

(Total for Question 5 is 1 mark)

© Revision Library | revisionlibrary.co.uk

6 A bus is scheduled to leave at 2:40 but is delayed by 35 minutes. Work out the time the bus actually leaves.

(Total for Question 6 is 1 mark)

---

7 Write each time in 24-hour clock notation.

(a) 9:30 am **(1)**

.....

(b) 9:30 pm **(1)**

.....

(Total for Question 7 is 2 marks)

---

8 A train leaves at 11:55 am and arrives at 14:05. Work out the duration of the journey.

(Total for Question 8 is 2 marks)

---

9 A bus leaves at 09:15 and the journey takes 2 hours 40 minutes. At what time does the bus arrive?

(Total for Question 9 is 1 mark)

---

10 A coach departs Sheffield at 08:05. The journey to Nottingham takes 1 hour 40 minutes. Work out the arrival time.

(Total for Question 10 is 1 mark)

© Revision Library | revisionlibrary.co.uk

11 A delivery van arrives at a warehouse at 13:10 after a journey lasting 2 hours 45 minutes. Work out the time the van left.

(Total for Question 11 is 2 marks)

---

12 An overnight service departs Monday at 23:55 and the scheduled duration is 18 hours 40 minutes. On which day and at what time does it arrive?

(Total for Question 12 is 3 marks)

© Revision Library | revisionlibrary.co.uk

Mark scheme · 1.3 Time: 30-minute Pack

Question 1

adds the hours and minutes to the start time **M1**

18:44 cao **A1**

Answer: 18:44

Question 2

00:00 cao **B1**

Answer: 00:00

Question 3

7:05 cao **B1**

Answer: 7:05

Question 4

155 minutes cao **B1**

Answer: 155 minutes

Question 5

8:50 pm cao **B1**

Answer: 8:50 pm

Question 6

3:15 cao **B1**

Answer: 3:15

Question 7

(a) 09:30 cao **B1**

(a) Answer: 09:30

(b) 21:30 cao **B1**

(b) Answer: 21:30

Question 8

subtract start from end, e.g. 14:05 - 11:55 oe **M1**

2 hours 10 minutes cao **A1**

Answer: 2 hours 10 minutes

Question 9

11:55 cao **B1**

Answer: 11:55

Question 10

09:45 cao **B1**

Answer: 09:45

Question 11

subtract duration from arrival time, e.g. 13:10 - 2:45 oe **M1**

10:25 cao **A1**

Answer: 10:25

Question 12

add 18 hours giving next-day time: 23:55 + 18:00 = next day 17:55 oe **M1**

add remaining 40 minutes to give 18:35 oe **M1**

arrives Tuesday 18:35 cao **A1**

Answer: Tuesday 18:35

© Revision Library | revisionlibrary.co.uk