

NHS

NUMERACY, LITERACY & VALUES ASSESSMENT TEST QUESTIONS!

100s of Sample Questions & Answers

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NHS NUMERACY & LITERACY TEST QUESTIONS AND ANSWER

Welcome to your new guide which is designed to help you pass your NHS Numeracy and Literacy test. When you apply for a role with the NHS, as standard you will be expected to pass both a numeracy and literacy test. This applies to everyone regardless of the role being applied for. This stage is one of the first stages after you submit your initial application. Please note, these may not be the only assessments you will face during the selection process, as some roles will require you to take more specialised tests.

For the numeracy test will consist of a number of different types of arithmetic and calculation questions ranging from addition, subtraction, division and multiplication. There will also be percentages, medicine calculations and time-based questions to name a few. You will be allowed to use a calculator for the numeracy test.

The literacy test, will assess your understanding of grammar, punctuation and spelling. It will also assess your understanding of how to extract relevant information from passages and messages.

The guide will provide you with 5 numeracy practice tests and 5 literacy practice tests, plus another two mock tests to assess your readiness for the actual NHS Numeracy and Literacy Test. We recommend you take your time with the practice tests, so we have deliberately not added a time limit. If you are unsure in regards to an answer, please check the detailed explanations at the end of the test.

We hope you enjoy the tests!

Numeracy Warm Up Test 1

Before we start with the practice numeracy tests, please complete the following two warm-up tests, which will help you to brush up on your basic arithmetic skills. The tests are not timed, and although you can use a calculator, we recommend you try to answer without the use of one.

Q1: $12 \times 4 =$

Q2: $386 + 221 =$

Q3: 10% of 1,200 =

Q4: $75 \times 5 =$

Q5: $0.45 + 13.6 =$

Q6: $14,256 - 1,865 =$

Q7: $30 \times 5 =$

Q8: 25% of 250 =

Q9: $\pounds 3.47 + \pounds 83.43 =$

Q10: $288 \div 4 =$

Q11: 40% of 900 =

Q12: $\frac{1}{2}$ of 20,000 =

Q13: $82 + 45 + 19 =$

Q14: $\frac{3}{4}$ of 150,000 =

Q15: $860 \div 20 =$

Q16: $2318 - 97 =$

Q17: $27 \times 5 =$

Q18: $\frac{1}{4}$ of 60 =

Q19: $\pounds 2.79 - \pounds 1.68 =$

Q20: $42.4 + 234.7 =$

Numeracy Warm up Test 1 Answers

Q1: Answer - $12 \times 4 = 48$

Q2: Answer - $386 + 221 = 607$

Q3: Answer - 120.

Q4: Answer - 375

Q5: Answer - 14.05

Q6: Answer - 12,391

Q7: Answer - 150

Q8: Answer - 62.5

Q9: Answer - £86.90

Q10: Answer = 72

Q11: Answer - 160

Q12: Answer - 10,000

Q13: Answer - 146

Q14: Answer - 112,500

Q15: Answer - 43

Q16: Answer: - 2,221

Q17: Answer - 135

Q18: Answer - 15

Q19: Answer - £1.11

Q20: Answer - 277.1

Numeracy Warm Up Test 2

Q1: $9 \times 9 + 3 =$

Q2: $28 \times 2 =$

Q3: $2 \times 2 \times 4 =$

Q4: £48.40 split 4 ways is =

Q5: 35% of 180 =

Q6: $£23.89 + £11.27 =$

Q7: What is 30% of 200 =

Q8: $40.02 - 28.6 =$

Q9: $78 \div 4 =$

Q10: $\frac{3}{5}$ of 700 =

Q11: $18 \times 3 =$

Q12: $146 - 31 =$

Q13: $150 \div 5 =$

Q14: $11.4 \times 0.3 =$

Q15: $291 + 578 =$

Q16: $400 - 20\% =$

Q17: $548 \times 3 =$

Q18: $60 \times 6 =$

Q19: $28.1 - 16.7 =$

Q20: $\text{£}5.34 + 169\text{p} =$

Numeracy Warm up Test 2 Answers

Q1: Answer - 84

Q2: Answer - 56

Q3: Answer - 16

Q4: Answer - £12.10

Q5: Answer - 63

Q6: Answer - £35.16

Q7: Answer - 60

Q8: Answer - 11.42

Q9: Answer - 19.5

Q10: Answer - 420

Q11: Answer - 54

Q12: Answer - 115

Q13: Answer - 30

Q14: Answer - 3.42

Q15: Answer - 869

Q16: Answer - 320

Q17: Answer - 1,644

Q18: Answer - 360

Q19: Answer - 11.4

Q20: Answer - £7.03

NHS Numeracy Practice Tests

Now you have completed the two warm-up tests. Please attempt the following three tests. Each test contains 25 questions and will assess numerous elements of the NHS Numeracy Test. The tests are not timed and you can use a calculator to assist you. The answers to the tests will be at the end of each test.

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NHS NUMERACY PRACTICE TEST 1

Q1: The NHS are recruiting. 120 people are undertaking an assessment. $\frac{1}{3}$ of the people finish the assessment in under half an hour. How many people did not finish the assessment in under half an hour?

A	B	C	D
90	80	85	70

Q2: What is $\frac{3}{5}$ of 700?

A	B	C	D
420	450	380	400

Q3: There are 4,000 millilitres of water contained in the jug. If 1 litre is equivalent to 1,000 millilitres, how many litres of water are there?

A	B	C	D
3.5 litres	3 litres	5 litres	4 litres

Q4: What is 120 multiplied by 13?

A	B	C	D
1,560	1,450	1,580	1,410

Q5: Find 60% of £45.00?

A	B	C	D
£26.50	£28.00	£26.00	£27.00

Q6: A packet of biscuits weighs 120g. Find the weight of 9 packets of biscuits.

A	B	C	D
1,000g	1,120g	1,080g	1,280g

Q7: What is $\frac{24}{48}$ in its simplest form?

A	B	C	D
$\frac{1}{2}$	$\frac{1}{4}$	$\frac{2}{3}$	$\frac{1}{3}$

Q8: The surgery staff start work at 08:45. They have 15 minutes prep time and then a 25-minute briefing before the first appointment. What time is the first appointment?

A	B	C	D
08:50	09:25	09:00	08:30

Q9: On a large hospital ward at least 1 nurse is needed for every 8 patients. Work out the minimum number of nurses needed for 138 patients.

A	B	C	D
21	20	18	16

Q10: What is one quarter of 6 hours?

A	B	C	D
2 hours	1 hour 45 mins	1 hour 30 mins	2 hour 15 mins

Q11: James runs from 4.50pm until 5.20pm at an average speed of 7 km/h. How far did he go?

A	B	C	D
3.5km	2.8km	3.6km	4.1km

Q12: Lisa cycles at an average speed of 8 km/h. How far (in kilometres) does she travel if she cycles for 4 hours?

A	B	C	D
28km	32km	34km	29km

Q13: Mark is going to make chocolate peanut squares for the patients. There are just three ingredients: chocolate, peanut butter, and rice crispies. This is mixed in the ratio 4 : 2 : 3 respectively.

How much of each ingredient will he need to make 900 g of mixture? Write your answer in the box below

Q14: A flight leaves the airport at 2200 hours. It is an 11 hour and 45 minute flight. There is a 2 hour time difference. What time will they arrive at their destination, assuming the time difference is 2 hours in front?

A	B	C	D
10:00am	10:30am	11:45am	13:00pm

Q15: Paula is a nurse at the local hospital. She leaves for work at 05:32am. She walks for 7 minutes to the local bus stop. She waits for the bus for 8 minutes. The bus journey is 34 minutes. After getting off the bus she walks to the hospital which takes her another 15 minutes. What time does she arrive at work?

A	B	C	D
06:36	07:01	06:40	06:28

Q16: The patient has been prescribed the medication in the images below. How much in total mg per day does the patient have to take?



A	B	C	D
101mg	108mg	111mg	122mg

Q17: Over the course of 14 days, what is the combined intake of Medication A & C?



A	B	C	D
1,048mg	1,064mg	1,108mg	1,096mg

Q18: You are required to administer the patient 18mg of Medication A. How much in ml should you prescribe the patient?



A	B	C	D
180ml	200ml	130ml	150ml

Q19: You are going to drive to your friend's house. She lives 17 miles away from you with an average speed limit of 30mph. Your friend asks for an estimated time of arrival. If you leave your house at 1415, and you stick to the speed limit, what time will you arrive at your friend's house? (Assuming there is no traffic).

A	B	C	D
14:26	15:07	14:49	15:22

Q20: Which two numbers come next?

2, 4, 8, 16, 32, 64,

A	B	C	D
72 and 84	128 and 256	148 and 256	128 and 156

Q21: If the patient requires 14mg per dose How much medication in ml is required over 10 days?



A	B	C	D
5,000ml	4,800ml	6,000ml	5,500ml

Q22: Sandeep, went to the staff canteen to buy her lunch. She purchased pie and chips for £3.25, a bottle of water for £0.90, a cup of coffee for £2.75 and an apple for 50p. When she gets to the checkout the lady inputs the items in the till and then Sandeep produces her NHS discount card which allows her a discount of 30%. How much was Sandeep charged?

A	B	C	D
£3.78	£5.18	£4.24	£5.48

Q23: You are the purchasing manager for an NHS hospital. You need to buy new mattresses for 150 beds. The cost of each mattress 378.00. How much do the mattresses cost in total?

A	B	C	D
£49,000	£38,600	£56,700	£59,000

Q24: You are a hospital porter. It is 8am You have just started work and have been headed to Phoenix ward, to collect a patient and take them for an x-ray, which is a 11-minute walk from your location. Once at the x-ray department you collect another patient and return them to Albatross ward, which is 8 minutes from you're the X-Ray department. You are just passing Willow ward $\frac{3}{4}$ of the way to Albatross ward, when you pause briefly for 2-minutes to receive a radio call to collect a patient from ICU. ICU is a 10-minute walk from your current location in the opposite direction. After the call you continue to Albatross ward to drop the patient off. You then turn around and go back the way you came towards ICU. What time will you arrive at ICU?

A	B	C	D
08:39	08:37	08:45	08:40

Q25: An NHS magazine includes 16 pages of clinical news and 8 pages of social news. What is the ratio of clinical to social news? Give your answer in its simplest form.

A	B	C	D
4 : 3	5 : 2	3 : 1	2 : 1

NHS NUMERACY PRACTICE TEST 1 ANSWERS

Q1: Answer - B, 80. EXPLANATION = 120 (total number of people) $\div 3 = 40$. This is equal to $1/3$. Therefore: $40 \times 2 = 80$ (this gives you $2/3$ - which is the number of people who didn't finish the assessment in under half an hour).

Q2: Answer - A, 420. EXPLANATION = $700 \div 5 \times 3 = 420$.

Q3: Answer - D, 4 litres. EXPLANATION = there are 1,000 millilitres in 1 litre. That means 4,000 millilitres, would be equivalent to 4 litres.

Q4: Answer - A, 1,560. EXPLANATION = $120 \times 13 = 1,560$

Q5: Answer - D, £27.00. EXPLANATION = $\pounds 45 \div 100 \times 60 = \pounds 27$.

Q6: Answer - C, 1080g. EXPLANATION = $120 \times 9 = 1,080$ g. Pay attention to the measurements; the question is in grams (g), so therefore your answer should also be in grams, unless stated otherwise.

Q7: Answer - A, $1/2$. EXPLANATION = $24/48$, both numbers can be divided by 24. It goes into 24 once, and goes into 48 twice. Therefore, it gives the fraction of $1/2$.

Q8: Answer - B, 09:25. EXPLANATION = 08:45 add 15 minutes (prep time) = 9 o'clock. 9 o'clock add 25 minutes (briefing) = 09:25.

Q9: Answer - C, 18. EXPLANATION = $138 \div 8 = 17.25$. You need one nurse for every 8 patients, therefore you would need 18 nurses in order to cater for 138 patients.

Q10: Answer - C, 1 hour and 30 minutes. EXPLANATION = 6 (hours) $\times 60$ (minutes) = 360 minutes. So, 360 (minutes) $\div 4$ ($1/4$) = 90 minutes.

Q11: Answer - A, 3.5 km. EXPLANATION = the difference between 4.50pm and 5.20pm = 30 minutes. 30 minutes = 0.5 hour. Remember, distance = speed \times time. So, distance = $7 \times 0.5 = 3.5$ km.

Q12: Answer - B, 32 km. EXPLANATION = the difference between 4.50pm and 5.20pm = 30 minutes. 30 minutes = 0.5 hour. Remember, distance = speed \times time. So, distance = $7 \times 0.5 = 3.5$ km.

Q13: Answer - Chocolate = 400g, Peanut Butter = 200g, Rice Crispies = 300g
EXPLANATION = to work out the chocolate: $900 \div 100 \times 4 = 400$ g. To work out the peanut butter = $900 \div 100 \times 2 = 200$ g. To work out the rice crispies = $900 \div 100 \times 3 = 300$ g.

Q14: Answer - C, 11:45am. EXPLANATION = 10pm + 11 hours 45 minutes = 09.45. Plus 2 hours' time difference (ahead) = 11.45am.

Q15: Answer - A, 06:36am. EXPLANATION = Leaves at 05:32, walk to bus stop + 7 mins (05:39). Wait for bus 8 minutes (05:47). Bus journey 34 minutes (06:21). Walk to the hospital 15 minutes (06:36) arrives at hospital.

Q16: Answer - C, 111mg per day. EXPLANATION = Medication A: $12\text{mg} \times 4 = 48\text{mg}$. Medication B: $7\text{mg} \times 5 = 35\text{mg}$. Medication C: $14\text{mg} \times 2 = 28\text{mg}$.
 $48\text{mg} + 35\text{mg} + 28\text{mg} = 111\text{mg}$.

Q17: Answer - B, 1,064mg. EXPLANATION = Medication A: $48\text{mg} \times 14 = 672\text{mg}$. Medication C: $28\text{mg} \times 14 = 392\text{mg}$. $672\text{mg} + 392\text{mg} = 1064\text{mg}$.

Q18: Answer - D, 150ml. EXPLANATION = We know that 12mg of the medication is equal to 100ml. So, 6g of the medication must be equal to 50ml of the medicine. Therefore, we must administer 150ml of Medication A.

Q19: Answer - C, 14:49. EXPLANATION = if you travel at an average speed of 30 mph for 17 miles, this will take 34 minutes. If you leave your house at 14:15, you will arrive at 14:49.

Q20: Answer - B, 128 and 256. EXPLANATION = the sequence follows the pattern of 'the power of 2'. In other words, the number is multiplied by 2 each time. So, $64 \times 2 = 128$ and $128 \times 2 = 256$.

Q21: Answer - A, 5,000ml. EXPLANATION = The ratio states that 7mg equates to 50ml of the medicine. As the patient requires 14mg per dose, this also doubles the amount in ml to 100 ml. If you multiply the dosage of 100ml by the amount doses per day 5, this will equate to 500ml. Over 10 days this will be 5,000 ml or 5 litres.

Q22: Answer - B, £5.18. EXPLANATION = $\pounds 3.25 + \pounds 0.90 + \pounds 2.75 + 50\text{p} = \pounds 7.40$. Minus the 30% discount brings the cost down to £5.18

Q23: Answer - C, £56,700. EXPLANATION = $378 \times 150 = 56,700$.

Q24: Answer - B, 08:37. EXPLANATION =

08:00 Start work at Phoenix ward

08:11 take patient for X-ray and collect the other patient and take to Albatross ward.

08:17 Pause briefly for call

08:19 Resume taking patient to Albatross ward.

08:21 Arrive at Albatross ward.

08:37 Arrive at ICU.

Q25: Answer - D, 2 : 1. EXPLANATION = the answer is 2:1. You can divide both sides of 16:8 by 8.

NHS NUMERACY PRACTICE TEST 2

Q1: How many grams are there in 2.5 kilograms?

A	B	C	D
2,300g	2,500g	3,000g	1,500g

Q2: The average temperature throughout a 5-day period was 65 degrees. If the temperature was 67 degrees on two of the days, 70 degrees on another, and 68 degrees on another, what was it on the fifth day?

A	B	C	D
55	61	53	48

Q3: Julia wakes up at 6:40 am. It takes her 16 minutes to get ready for work, 12 minutes to eat her breakfast and 47 minutes to travel to work. What time does she arrive at work?

A	B	C	D
06:45am	07:35am	07:55 am	08:05am

Q4: If you spend £14.45 on a train ticket, £11.35 on your lunch, and £32.77 on a theatre ticket, how much do you have left from £100?

A	B	C	D
£39.90	£41.43	£46.67	£34.20

Q5: If a hospital porters shoes last on average 24 weeks, how many pairs of shoes will she get through during an 18-year career?

A	B	C	D
39	43	41	36

Q6: A nurse is required to be at work for 8 hours a day. She is entitled to three 20-minute breaks and one 1-hour lunch break during that 8-hour period. If she works for 5 days per week, how many hours will she have worked after 7 weeks?

A	B	C	D
200	387	245	210

Q7: An NHS office floor takes 240 tiles to cover. A man buys 18 boxes, each containing 6 tiles. How many more boxes does he need to complete the job?

A	B	C	D
18 boxes	25 boxes	22 boxes	31 boxes

Q8: Jeremy spends 2 hours and 25 minutes on the phone talking to a consultant colleague abroad. If the call costs 9 pence per 5 minutes, how much does the call cost in total?

A	B	C	D
£1.89	£1.98	£2.61	£2.46

Q9: It takes Jessen 45 minutes to walk 3 miles to work. At what pace does he walk?

Q10: Mrs Fuller wants to return a t-shirt, a pair of designer shoes, a dress and a pair of jeans, which cost £12.95, £85.99, £17.99 and £22.99 respectively. How much does she stand to gain if all the items are returned?

A	B	C	D
3.5 mph	4 mph	5 mph	3.8 mph

Q10: Mrs Fuller wants to return a t-shirt, a pair of designer shoes, a dress and a pair of jeans, which cost £12.95, £85.99, £17.99 and £22.99 respectively. How much does she stand to gain if all the items are returned?

A	B	C	D
£139.92	£127.89	£142.67	£136.08

Q11: Gerard walks for 6 hours in total. During the first three hours he walks at a pace of 4 km/h. During the fourth hour he walks at a pace of 3.5 km/h and during the fifth and sixth hours he walks at a pace of 3 km/h. How much ground will he have covered after the 6 hours are complete?

A	B	C	D
24.9km	21.5km	23.7km	19.9km

Q12: If 70% of a hospital's beds are occupied and the remaining 48 are not, how many beds does the hospital have in total?

A	B	C	D
210	172	160	145

Q13: $\frac{3}{5}$ of a hospital's staff receive manual handling training. If there are 85 staff in total, how many of them have not received the training?

A	B	C	D
48	39	29	34

Q14: If there are 18 grams of fat in 100 grams of chocolate, how many grams of fat are there in 750 grams of chocolate?

A	B	C	D
135g	123g	147g	132g

Q15: A flight leaves the airport at 05:10 hours. It is a 17 hour and 15-minute flight. There is a 2-hour time difference. What time will they arrive at their destination, assuming the time difference is 2 hours behind?

A	B	C	D
20:15	20:25	21:10	21:25

Q16: Jessica, Rhonda, Shirley and Sebastian are out on the town having a few drinks to celebrate Shirley's promotion. Jessica buys 10 drinks at £3.95 each; Rhonda buys 10 drinks at £3.45 each plus 6 packets of nuts at £0.85 each; Sebastian buys 4 drinks at £3.40 each plus he paid the £26 taxi fare, and Shirley buys 12 drinks at £2.85 each plus 8 packets of crisps at £0.65 each. Who spends the least amount?

A	B	C	D
Jessica	Rhonda	Shirley	Sebastian

Q17: Richard is travelling from Kent to the Lake District. It is a 330-mile journey. If Richard sets off at 4:27 pm and averages 60 miles per hour for the entire journey, what time will he arrive at his destination?

A	B	C	D
7:59pm	8:57pm	8:59pm	9:57pm

Q18: A family of 5 split the cost of all the household bills equally. The water bill was £120.40, the gas bill was £95.48, and the electric bill was £47.12. The rent for the month was £570. How much does each member of the family put towards covering all the bill costs?

A	B	C	D
£163.45	£166.60	£157.42	£148,78

Q19: A patient has a pulse of 45 every 20 seconds. What is their pulse rate for 60 seconds?

A	B	C	D
135 bpm	142 bpm	120 bpm	129 bpm

Q20; You have checked a patient's pulse rate 6 times and it measured 107, 89, 96, 67, 58 and 74. What is the average bpm rounded up to the nearest whole number?

A	B	C	D
95 bpm	105 bpm	82 bpm	100 bpm

Q21: Bill, Jonathan and Nadeem are out on the town having a few drinks to celebrate Bill's birthday. Bill buys 6 drinks at £3.95 each; Jonathan buys 8 drinks at £2.90 each and Nadeem buys 6 drinks at £3.40 each plus 3 packets of crisps at £0.90 each. Who spends the least amount?

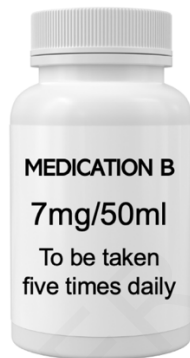
A	B	C	D
Nadeem	Bill	Jonathan	All the same

Q22: A patient has been prescribed Medication C for 21 days. How many tablets will you have to give the patient for the full duration?



A	B	C	D
88	84	78	74

Q23: A patient has been prescribed Medications A and B. You have decided that Medication A must be taken 3 times a day in doses of 300 ml. How many mg does this equate to?



A	B	C	D
28mg	42mg	39mg	36mg

Q24: What is $\frac{3}{4}$ as a percentage?

A	B	C	D
67%	70%	75%	85%

Q25: An ambulance travels 128 miles in 4 hours. What is the ambulance's speed?

A	B	C	D
36 mph	32 mph	42 mph	40 mph

NHS NUMERACY PRACTICE TEST 2 ANSWERS

Q1: Answer - B, 2,500g. EXPLANATION 2.5kgs is equal to 2,500g.

Q2: Answer - A, 53. EXPLANATION = $65 \times 5 = 325$. $325 - (67 + 67 + 70 + 68) = 53$

Q3: Answer - C, 07:55am. EXPLANATION = $16 + 12 + 47 = 75$ minutes/1 hour 15 minutes 6:40 am + 75 minutes = 7:55 am

Q4: Answer - B, £41.43. EXPLANATION = $100 - 14.45 - 11.35 - 32.77 = 41.43$

Q5: Answer - A, 39. EXPLANATION = $18 \times 52 = 936$ $936 \div 24 = 39$

Q6: Answer - D, 210. EXPLANATION = $8 - 2 = 6$. $6 \times 5 = 30$. $30 \times 7 = 210$

Q7: Answer - C, 22 boxes. EXPLANATION = $18 \times 6 = 108$. $240 - 108 = 132$. $132 \div 6 = 22$

Q8: Answer - C, £2.61. EXPLANATION = 2 hours 25 minutes = 145 minutes.
 $145 \div 5 = 29$. $29 \times £0.09 = £2.61$

Q9: Answer - B, 4 mph. EXPLANATION = $3 \div 0.75 = 4$

Q10: Answer - A, £139.92. EXPLANATION = $12.95 + 85.99 + 17.99 + 22.99 = 139.92$

Q11: Answer - B, 21.5km. EXPLANATION = 3×4 km/h = 12 km. 1×3.5 km/h = 3.5km. 2×3 km/h = 6 km. $12 + 3.5 + 6 = 21.5$

Q12: Answer - C, 160. EXPLANATION = $48 = 30\%$. $48 \div 30 = 1.6$. $1.6 \times 100 = 160$

Q13: Answer - D, 34. EXPLANATION = $85 \div 5 = 17$. $17 \times 2 = 34$

Q14: Answer - A, 135g. EXPLANATION = 0.18 (grams of fat per 1 gram of chocolate)
 $\times 750 = 135$

Q15: Answer - B, 20:25 hours or 8:25 pm. EXPLANATION = $05:10 + 17$ hours 15 minutes = 22:25.
 $22:25 - 2$ hours = 20:25

Q16: Answer - C, Shirley. EXPLANATION = Jessica = $10 \times 3.95 = 39.5$.
Rhonda = $10 \times 3.45 = 34.5 + (6 \times 0.85) = 39.6$. Sebastian = $4 \times 3.40 = 13.60 + 26 = 39.6$. Shirley = $12 \times 2.85 = 34.2 + (8 \times 0.65) = 39.4$

Q17: Answer - D, 9:57pm. EXPLANATION = $330 \div 60 = 5.5$. 4:27 pm + 5 hours 30 minutes = 9:57 pm

Q18: Answer - B, £166.60. $120.40 + 95.48 + 47.12 + 570 = 833$ $833 \div 5 = 166.6$

Q19: Answer: - A, 135 bpm. EXPLANATION = $60 \text{ divided by } 20 = 3. 3 \times 45 = 135 \text{ bpm}$

Q20: Answer - C, 82 bpm. EXPLANATION = $107 + 89 + 96 + 67 + 58 + 74 = 491.$
 $491 \text{ divided by } 6 = 81.83, \text{ rounded up to } 82.$

Q21: Answer - A, Nadeem. EXPLANATION = Bill = $3.95 \times 6 = 23.70.$ Jonathan = $2.90 \times 8 = 23.20.$
Nadeem = $3.4 \times 6 = 20.40 + (0.90 \times 3 = 2.70) = 23.10$

Q22: Answer - B, 84 tablets. EXPLANATION = You will need to prescribe 84 tablets for the 21 days. $4 \times 21 = 84.$

Q23: Answer - D, 36mg. EXPLANATION = The ratio is 12mg/100ml therefore 300ml will equate to 36mg

Q24: Answer - C, 75%

Q25: Answer - B, 32mph. EXPLANATION = $128 \div 4 = 32 \text{ mph}$

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NHS NUMERACY PRACTICE TEST 3

Q1: A patient has been prescribed 1,300mg of tablets to take over 10 days. What is the value in grams?

A	B	C	D
1.3g	2.2g	2.1g	1.7g

Q2: A patient is prescribed 0.85 litres of medication. What is the value in millilitres?

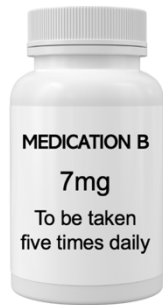
A	B	C	D
855ml	850ml	750ml	800ml

Q3: A patient has been prescribed Medication B for the period of 7 days. How many tablets should be administered?



A	B	C	D
45	41	35	28

Q4: A patient has been prescribed 36mg of Medication A. How much would they take over 3 days in mg?



A	B	C	D
312mg	345mg	332mg	324mg

Q5: You are a hospital cook. You need to prepare tomato soup for 250 patients. You have 50 litres in stock. How much in ml would each patient receive if you split the amounts equally?

A	B	C	D
200ml	150ml	250ml	350ml

Q6: What is 40kgs in grams?

A	B	C	D
400g	40,000g	400,000g	40g

Q7: If a patient's pulse rate is 20 beats every 10 seconds, then how many beats in 1 minute?

A	B	C	D
100 bpm	130 bpm	120 bpm	125 bpm

Q8: A patient has been prescribed 60g of Medication C, how much should be administered in ml for one dose?



A	B	C	D
32ml	43ml	36ml	30ml

Q9: How much of Medication C in ml is required for the daily requirement?



A	B	C	D
142ml	130ml	128ml	132ml

Q10: If a patient's pulse rate is 25 beats every 15 seconds. How many beats will be recorded in two minutes?

A	B	C	D
240	200	150	280

Q11: A patient has been prescribed 10ml of Medication C. How much in mg does the patient need to take?



A	B	C	D
40mg	38mg	50mg	60mg

Q12: There is 1,300 calories in a large tray of Shepherd's Pie. Each patient needs 225 calories worth of the pie. Rounded to the nearest whole number. How many patients will the tray feed?

A	B	C	D
7	6	9	8

Q13: If one tray feeds 6 patients, how many trays would you need to feed 80 patients, rounded to the nearest whole number?

A	B	C	D
10	12	9	13

Q14: The NHS stores team loads 34 boxes into storage. If there are 27 boxes still to be loaded, how many boxes are there in total?

A	B	C	D
61	45	57	64

Q15: There are 10 people in a team. Five of them weigh 70 kg each and the remaining 5 weigh 75 kg each. What is the average weight of the team?

A	B	C	D
75.8kg	56kg	72.5kg	65kg

Q16: A nurse earns a salary of £32,000 per year. How much would she earn in 15 years?

A	B	C	D
£520,000	£480,000	£490,000	£390,000

Q17: A patient transport journey usually takes 6 hrs and 55 minutes, but on one occasion the ambulance stops for a total of 47 minutes. How long does the journey take on this occasion?

A	B	C	D
5 hr 58 min	6 hr 55 min	7 hr 28 min	7 hr 42 min

Q18: Four NHS colleagues eat a meal at a restaurant. The total bill comes to £44.80. How much do they need to pay each?

A	B	C	D
£13.89	£12.47	£11.20	£15.25

Q19: If there are 1610 metres in a mile, how many metres are there in 4 miles?

A	B	C	D
6,440 m	5,860 m	7,200 m	6,250 m

Q20: If you pay £97.70 per month on your council tax bill, how much would you pay quarterly?

A	B	C	D
£304.87	£285.45	£311.78	£293.10

Q21: The paramedics are called to attend a motorway accident involving a coach full of passengers. A total of 54 people are on board, 17 of whom are injured. How many are not injured?

A	B	C	D
30	37	39	33

Q22: An ambulance travels at 30 km/h for the first hour, 65km/h for the second hour, 44 km/h for the third hour and 50 km/h for the fourth hour. What is the ambulance's average speed over the 4-hour journey?

A	B	C	D
41.85 km/h	36.10 km/h	47.25 km/h	43.20 km/h

Q23: You leave for work at 06:10am. You walk to your colleague's house which is a 17-minute walk. Once there you wait for 5 minutes. You both leave in your colleague's car and travel to work for 19 minutes until you get stuck in traffic. You decide to take an alternate route which takes you a further 22 minutes to reach your work. The walk across the car park takes a further 3 minutes. What time do you arrive at work?

A	B	C	D
07:26am	07:12am	07:45am	07:29am

Q24: What percentage of 400 is 100?

A	B	C	D
35%	25%	40%	15%

Q25: A Radiographer is required to work for 8 hours a day. He is entitled to three 20-minute breaks and one 1-hour lunch break during that 8-hour period. If he works for 5 days per week, how many hours will he have worked after 4 weeks?

A	B	C	D
100 hours	170 hours	120 hours	135 hours

NHS NUMERACY PRACTICE TEST 3 ANSWERS

Q1: Answer - A, 1.3g. EXPLANATION = There are 1,000mg to 1g. Therefore 1,300mg will equate to 1.3g.

Q2: Answer - B, 850ml. EXPLANATION = There is 1,000ml to every litre. So, 0.85l is the same volume as 850ml

Q3: Answer - C, 35 tablets. EXPLANATION = 7 days x 5 tablets = 35 tablets

Q4: Answer - D, 324mg. EXPLANATION = Each tablet is 12mg. Each dose equates to 3 tablets = 36mg. 36mg x 3 doses per day = 108mg. 108mg x 3 days = 324mg

Q5: Answer - A, 200ml. EXPLANATION = First convert 50 litres into ml (50,000ml). 50,000 divided by 250 = 200ml.

Q6: Answer - B, 40,000g. There 1,000g to 1kg. Therefore 40kg = 40,000g.

Q7: Answer - C, 120bpm. EXPLANATION = 120bpm. 20 x 6 = 120.

Q8: Answer - A, 32ml. EXPLANATION = 4 x 15 = 60g. 4 x 8ml = 32ml.

Q9: Answer - C, 128ml. EXPLANATION = 32ml x 4 = 128ml

Q10: Answer - B, 200 beats. EXPLANATION = 25 x 4 = 100. 100 x 2 minutes = 200 beats.

Q11: Answer - C, 50mg. EXPLANATION = 10ml is $\frac{1}{4}$ of the dose therefore the amount in mg must be $\frac{1}{4}$ of also = 200 divided by 4 = 50mg.

Q12: Answer - B, 6. EXPLANATION = $1,300 \div 225 = 5.77$. Rounded up to the nearest whole number = 6.

Q13: Answer - D, 13. EXPLANATION = We have established that 1 tray feeds 6 patients. So, we need to divide 80 by 6 = 13.3. Rounded to the nearest whole number is 13

Q14: Answer - A, 61 boxes. EXPLANATION = 34 + 27 = 61

Q15: Answer - C, 72.5kg. EXPLANATION = To calculate the average weight, you need to first of all add each weight together. Therefore, $(5 \times 70) + (5 \times 75) = 725$ kg. To find the average weight you must now divide the 725 by 10, which will give you the answer 72.5 kg.

Q16: Answer - B, £480,000. EXPLANATION = The lady earns £32,000 per year. To work out how much she earns in 15 years, you must multiply £32,000 by 15 years to reach your answer of £480,000.

Q17: Answer - D, 7 hours and 42 minutes. EXPLANATION = Add the 47 minutes to the normal journey time of 6 hrs and 55 minutes to reach your answer of 7 hrs and 42 minutes.

Q18: Answer - C, £11.20. EXPLANATION = Divide £44.80 by 4 people to reach your answer of £11.20.

Q19: Answer - A, 6,440 metres. EXPLANATION = Multiply 4 by 1610 metres to reach your answer of 6,440 metres.

Q20: Answer - D, £293.10. EXPLANATION = To reach the answer you must multiply £97.70 by 3. Remember, a quarter is every 3 months.

Q21: Answer - B, 37. EXPLANATION = Subtract 17 from 54 to reach your answer of 37

Q22: Answer - C, 47.25 km/h. EXPLANATION = $30 + 65 + 44 + 50 = 189$. $189 \div 4 = 47.25$

Q23: Answer - A, 07:26am. EXPLANATION = 06:10 - 06:37, arrive at colleague's house. 06:37 - 06:42. Wait for colleague. 06:42 - 07:01, travel to work until traffic jam. 07:01 - 07:23, alternate route and arrive. 07:23 - 07:26, walk across car park to arrive at work.

Q24: Answer - B, 25%.

Q25: Answer - C, 120 hours. EXPLANATION = First of all you need to determine how many 'real' hours he works each day. Subtract the total sum of breaks from 8 hours to reach 6 hours per day. If he works 5 days per week then he is working a total of 30 hours per week. Multiply 30 hours by 4 weeks to reach your answer of 120 hours.

Literacy Warm Up Tests

Before we start with the practice literacy tests, please complete the following two warm-up tests, which will help you to brush up on the various basic literacy skills. The tests are not timed, and each test contains 20 questions. The answers are provided after each test.

Q1: Marcus is not as bright as Andrew. Who is brighter?

A	B	C
Andrew	Marcus	Neither

Q2: Sharon is taller than Sheila. Who is the tallest?

A	B	C
Sharon	Sheila	Neither

Q3: Pauline is stronger than Beverley. Who is the weaker of the two?

A	B	C
Pauline	Beverley	Neither

Q4: Gary is lighter than Frederick. Who is the heavier?

A	B	C
Gary	Frederick	Neither

Q5: The black car is faster than the white car. Which car is the quickest?

A	B	C
Black car	White car	Neither

Q6: Rachel runs faster than her sister Georgia. Who runs the slowest?

A	B	C
Georgia	Rachel	Neither

Q7: David has more money than Arnold. Who is the poorer?

A	B	C
Arnold	David	Neither

Q8: Jill is weaker than Bill. Who is the strongest?

A	B	C
Jill	Bill	Neither

Q9: Sadie's shoe size is 7 and Mary's is 9. Who needs the larger size shoes?

A	B	C
Mary	Sadie	Neither

Q10: Pete is faster than Rick. Who is the slowest?

A	B	C
Pete	Rick	Neither

Q11: If the following words were placed in Alphabetical order, which one would be third?

A	B	C	D
Delightful	Delicious	Delayed	Delicate

Q12: Mark can run faster than Jane. Jane can run faster than Nigel, who is slower than Bill. Bill runs faster than Mark. Who is the slowest?

A	B	C	D
Nigel	Jane	Bill	Mark

Q13: Chair is to sit as ladder is to?

A	B	C	D
Climb	Step	Bridge	Metal

Q14: If the following words were arranged in alphabetical order, which one would be second?

A	B	C	D
Believe	Beast	Belief	Bereaved

Q15: Hayley sleeps for 10 hours and Julie sleeps for 650 minutes. Who sleeps the longest?

A	B	C
Hayley	Julie	Neither

Q16: George is sadder than Mark. Who is the happier of the two?

A	B	C
Mark	George	Neither

Q17: Hammer is to nail as Bat is to?

A	B	C	D
Fly	Ball	Cricket	Hit

Q18: Which of the following words contains the most vowels?

A	B	C	D
Reasonable	Combination	Vegetables	Audaciously

Q19: Which of the following words contains the least vowels?

A	B	C	D
Barber	Radio	Disastrous	March

Q20: Which word makes the best sense of the sentence?

The mechanic worked on the car for 3 hours. At the end of the 3 hours, he was -----

A	B	C	D
home	rich	exhausted	thinking

Literacy Warm Up Test 1 Answers

Q1: Answer: A

Q2: Answer: A

Q3: Answer: B

Q4: Answer: B

Q5: Answer: A

Q6: Answer: A

Q7: Answer: A

Q8: Answer: B

Q9: Answer: A

Q10: Answer: B

Q11: Answer: B

Q12: Answer: A

Q13: Answer: A

Q14: Answer: C

Q15: Answer: B

Q16: Answer: A

Q17: Answer: B

Q18: Answer: D

Q19: Answer: D

Q20: Answer: C

Literacy Warm Up Test 2

Q1: Which of the following words is the odd one out?

A	B	C	D	E
Car	Aeroplane	Train	Bicycle	House

Q2: Which of the following words is the odd one out?

A	B	C	D	E
Right	White	Dart	Bright	Sight

Q3: Which one word will the word 'IN' not go with to make longer words?

A	B	C	D
direct	famous	desirable	cart

Q4: Which one word will the word 'IN' not go with to make longer words?

A	B	C	D
decisive	reference	destructible	convenience

Q5: Which one word will the word 'A' not go with to make longer words?

A	B	C	D
float	bout	part	peck

Q6: Which of the following words is the odd one out?

A	B	C	D	E
Pink	Salt	Ball	Red	Grey

Q7: Which of the following words is the odd one out?

A	B	C	D	E
Run	Jog	Walk	Sit	Sprint

Q8: Which of the following words is the odd one out?

A	B	C	D	E
Eagle	Plane	Squirrel	Cloud	Sparrow

Q9: Which of the following words is the odd one out?

A	B	C	D	E
Gold	Ivory	Platinum	Bronze	Silver

Q10: Which of the following words is the odd one out?

A	B	C	D	E
Pond	River	Stream	Brook	Ocean

Q11: Which words make best sense of the sentence?

The man ---- to walk along the beach with his dog. He threw the stick and the dog ----- it

A	B	C	D
Hated/Chose	Decided/Wanted	Liked/Chased	Hurried/Chased

Q12: Which word makes the best sense of the sentence? After walking for an hour in search of the pub, David decided it was time to turn ----- and go back home.

A	B	C	D
up	in	home	around

Q13: Which word makes the best sense of the sentence? We are continually updating the site and would be ----- to hear any comments you may have.

A	B	C	D
pleased	worried	available	suited

Q14: Which words make the best sense of the sentence? The Fleet Air Arm is the Royal Navy's air force. It numbers some 6200 people, ----- is 11.5% of the ----- Royal Naval strength

A	B	C	D
which/total	and/total	which/predicted	which/approximately

Q15: Which word makes the best sense of the sentence?

The Navy has had to ----- and progress to be ever prepared to defend the British waters from rival forces.

A	B	C	D
develop	manoeuvre	change	seek

Q16: Which word best fits the following sentence?

My doctor says I ----- smoke. It's bad for my health

A	B	C	D
cannot	wouldn't	shouldn't	can't

Q17: Which word best fits the following sentence?

The best thing for a hangover is to go to bed and sleep it -----

A	B	C	D
through	over	away	off

Q18: Which of the following words is the odd one out?

A	B	C	D
Cat	Dog	Hamster	Owl

Q19: Which of the following words is the odd one out?

A	B	C	D
Wood	Chair	Table	Stool

Q20: Which of the following words is the odd one out?

A	B	C	D
Football	Wrestling	Golf	Rugby

Literacy Warm Up Test 2 Answers

Q1: Answer: E

Q2: Answer: C

Q3: Answer: D

Q4: Answer: B

Q5: Answer: D

Q6: Answer: D

Q7: Answer: D

Q8: Answer: C

Q9: Answer: B

Q10: Answer: A

Q11: Answer: C

Q12: Answer: D

Q13: Answer: A

Q14: Answer: A

Q15: Answer: A

Q16: Answer: C

Q17: Answer: D

Q18: Answer: D

Q19: Answer: A

Q20: Answer: B

NHS Literacy Practice Tests

Now you have completed the two warm-up tests. Please attempt the following three tests. Each test contains 25 questions and will assess numerous elements of the NHS Literacy Test. The tests are not timed. The answers to the tests will be at the end of each test.

ORDER ID: 00087162

NHS LITERACY PRACTICE TEST 1

Q1: Read the following text message, and answer the question:

“After speaking to 10 minutes ago, he tells me he caught the train at 3pm, which is later than expected. He was supposed to arrive at half past 2. The driver has been at the station since 1345 to pick him up”

What time was Terry supposed to arrive?

A	B	C	D
13:00	13:45	15:00	14:30

Q2: Read the following passage, and answer the question:

In the modern-day job-market, it's become more and more common for interviewers to ask: 'What do you know about us?' Companies want to know that you've done your research – not only does this show dedication and passion for the role, but it also demonstrates that you are actually interested in working for them rather than just 'working a job'. Naturally, this extends to hospitals. If you're applying to a particular hospital, then make sure you research both the hospital and the NHS. What initiatives are the NHS running in your local area? What is it specifically about this hospital that attracts you?

Which word in the passage is spelt incorrectly?

A	B	C	D
Naturally	actually	demonstrates	initiatives

Q3: Read the following passage, and answer the question:

When answering this, you need to be able to recall a time from your professional career when you have been able to resolve a problem, primarily using your communication skills. While this should be fairly easy, the way you actually structure your answer is slightly trickier. Often, people will simply launch into a longwinded response without any real thought about how the response should be structured, and how an unstructured response will come across to the assessor. Think about it this way: you want the assessors to fully understand your response, and to see all of the good points. The best way to do this, is to structure them all into a comprehensible answer, using the STAR method.

How many words are spelt incorrectly?

A	B	C	D
3	5	4	6

Q4: These are Ahmed's Saturday morning tasks, place these in the correct order?

I awake in the morning and make a cup of tea after I have a wash. I then get dressed and do some washing after I have had breakfast.

- A: Wake up; wash; make tea; do washing; breakfast; get dressed
- B: Wake up; wash; make tea; get dressed; breakfast; do washing
- C: Make tea; Wake up; wash; breakfast get dressed; do washing
- D: Wake up; make tea; wash; breakfast; do washing; get dressed

Tick the correct option.

A	B	C	D

Q5: Tomorrow morning, I _____ play football with my friends. We are going to beat the other team, and then _____ some ice cream.

A	B	C	D
will, bought	won't, buy	did, purchased	will, buy

Q6: Which of the following words is used to describe something that cannot be identified as different or distinct?

A	B	C	D
Indistinguishable	Indescribable	Counterfeit	Differential

Q7: Which of the following words describes something that is untidy or poorly-kept?

A	B	C	D
Crumpled	Marinated	Dishevelled	Bemused

Q8: Which of the following words describes something that is convincing or believable?

A	B	C	D
Presumptuous	Incredible	Assumptive	Credible

Q9: Which one letter can be moved from the to create two new words?

Grown Gave

A	B	C	D
r	o	n	g

Q10: Which one letter can be moved from the first word to the second word to create two new words?

Learn East

A	B	C	D
E	N	L	R

Q11: Which one letter can be moved from the first word to the second word to create two new words?

Burly Pie

A	B	C	D
l	u	y	r

Q12: Which word fits in both sets of brackets? (Safe, Steady) (Hay, Jodhpurs)

A	B	C	D
Chickens	Stable	Farm	Sky

Q13: Which word fits in both sets of brackets? (Power, Watt) (Ram, Assault)

A	B	C	D
Punching	Kicking	Battery	Boxing

Q14: Read the following passage, and answer the question:

These days, more and more companies are leaning on 'core competencies', or their equivalent, as a way of filtering out candidates and marking them. The core competencies are essentially just a listed set of behaviours which candidates will need to demonstrate in order to pass the selection process. In the vast majority of cases, these competencies can be found in the job description/personal specification. for each NHS role, you can expect that there will be specific competencies, with the competencies determined by the type of work you'll be doing in the role. While there will be some crossover, such as patient care skills, the needs of NHS positions can vary greatly.

In Which line of text is the punctuation error present?

A	B	C	D
Line 3	Line 1	Line 8	Line 6

Q15: Read the passage below and answer the associated question.

In terms of the NHS, which is a highly esteemed organisation with the strongest standards, they will expect you to dress in a professional and respectful manner – think about what the NHS represents and what they stand for. How do you think a person interviewing for a job with such a company should behave and dress?

What word is best used to describe the way the NHS is perceived by others?

A	B	C	D
strongest	professional	esteemed	represents

Q16: Which word fits in both sets of brackets?

(Plan, Template) (Select, Pick)

A	B	C	D
Draft	Delete	Terminate	Show

Q17: You are a GP. You arrive at your surgery at 07:00 every day, after driving to work. Once in your office, you check your emails followed by looking at your appointments for the day. After this you make a cup of tea prior to briefing your secretary. You then welcome your first patient of the day.

What is the correct sequence of events?

- A: Drive; arrive; tea; emails; appointments; brief secretary; first patient.
- B: Arrive; drive; emails; appointments; brief secretary; tea; first patient.
- C: Drive; arrive; emails; appointments; tea; brief secretary; first patient.
- D: Drive; arrive; appointments; emails; tea; brief secretary; first patient.

A	B	C	D

Read the passage below then answer the questions which follow.

Speaker 1. Grammar provides the structure upon which all writing is built. Without grammar, the world would fall into chaos. Life as we know it would plunge into abject mediocrity. One can only imagine the catastrophe that would befall the world without the invention of grammar. Commands from generals in the battlefield would be mistranslated. Public transport would be utterly disrupted. I can't imagine a world without grammar, and I'm not sure I want to.

Speaker 2. Some people are extremely uppity about grammar. I'm not that bothered by it. The main thing for me, when reading a book, is that I can understand what is being said. I appreciate that grammar is particularly useful, and can help to distinguish between certain types of phrases and words when used correctly, but for the most part I can get along just fine without precise or perfect grammar. That being said, I appreciate that grammar makes a big impact on the world we live in, and that when it comes to public affairs it can make a big difference to the way things are perceived. Grammar matters, just not as much as people think it does.

Q18: Speaker 1 believes that public transport would suffer, if grammar did not exist.

A	B	C
True	False	Impossible to say

Q19: Speaker 2 believes that grammar has no impact upon the outcome of wars and battles.

A	B	C
True	False	Impossible to say

Q20: The two speakers agree that grammar has a sustained impact on public life.

A	B	C
True	False	Impossible to say

Q21: The idea of a world without grammar, is too distressing for speaker 1 to think about.

A	B	C
True	False	Impossible to say

Q22: Speaker 2 regards the relatability of a book as being more important than the use of grammar.

A	B	C
True	False	Impossible to say

Q23: Identify which of the following sentences is correct.

A: Harriet and James buried they're treasure in the back garden. No one would ever know.

B: Harriet and James buried their treasure in the back garden. No one would ever know.

C: Harriet and James berried their treasure in the back garden. No one would ever know.

D: Harriet and James buried their treasure in the back garden. No one would ever no.

A	B	C	D

Q24: Identify which of the following sentences is correct.

A: Were going to spend all of our time at the beach while the whether is nice.

B: We're going to spend all of are time at the beach while the weather is nice.

C: We're going to spend all of our time at the beach while the weather is nice.

D: We're going to spend all of are time at the beach while the weather is nice.

A	B	C	D

Q25: Please read the following passage and try to spot the errors?

My brother and I went on a picnic. It was a hot day, and we decided to jump in the lake. We striped bare, and were just about to jump in the watre, when there was a roar behind us. It was a bear, The bear chased us, bare, through the woods.

How many errors, spelling/grammar/punctuation could you find?

A	B	C	D
3	2	4	5

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NHS LITERACY PRACTICE TEST 1 ANSWERS

Q1: Answer - D, 14:30. EXPLANATION = Terry was supposed to arrive at 14:30.

Q2: Answer - C, demonstrates. 420. EXPLANATION = In the passage the word is spelt 'demonstartes'.

Q3: Answer - C, 4. EXPLANATION = There are four words in the passage with incorrect spelling: communication, fairly, structured and comprehensible.

Q4: Answer - B. EXPLANATION = Wake up; wash; make tea; get dressed; breakfast; do washing is the correct sequence.

Q5: Answer - D, will, buy. EXPLANATION = This sentence is written in the future tense, as demonstrated by the words/phrases 'tomorrow', 'play', 'are going' and 'beat'. Therefore, the words which best fit in this sentence are 'will' (future tense) and 'buy' (future tense).

Q6: Answer - A. EXPLANATION = Indistinguishable

Q7: Answer - C. EXPLANATION = Dishevelled

Q8: Answer - D. EXPLANATION = Credible

Q9: Answer - A. EXPLANATION = Gown / Grave

Q10: Answer - C. EXPLANATION = Learn East

Q11: Answer - A. EXPLANATION = Bury Pile

Q12: Answer - B, Stable. EXPLANATION = The term stable can mean safe or steady, i.e. in a fixed or balanced manner. It is also the name for a horse's home, in which you will find hay, and jodhpurs (riding boots).

Q13: Answer - C, Battery. = The terms power and watt are associated with electricity, which links with batteries – used to supply power to electronic devices. Battery is also the name for a violent action, such as assault, or ramming something.

Q14: Answer - D, Line 6. EXPLANATION = After the sentence that finishes with specification, the next word 'for' should be capitalised.

Q15: Answer - C, esteemed. EXPLANATION = The word that best perceives what others believe of the NHS as an organisation is 'esteemed'.

Q16: Answer - Draft. EXPLANATION = A template or plan is a term used for an early form of work, which is missing something (the same as a draft). In sports, a draft is where players are selected or picked.

Q17: Answer - C. EXPLANATION = The correct sequence is: Drive; arrive; emails; appointments; tea; brief secretary; first patient.

Q18: Answer - A, True. EXPLANATION = Speaker 1 states, 'Public transport would be utterly disrupted.' Therefore, the answer is true.

Q19: Answer - C. Impossible to say. EXPLANATION = Speaker 2 makes no reference to the impact that grammar has on wars and battles. Therefore, the answer is impossible to say.

Q20: Answer - A, True. Speaker 1 states, 'Public transport would be utterly disrupted.' Meanwhile, Speaker 2 states, 'I appreciate that grammar makes a big impact on the world we live in, and that when it comes to public affairs it can make a big difference to the way things are perceived.' This shows that both speakers believe grammar has a sustained impact on public life, and therefore the answer is true.

Q21: Answer - A, True. EXPLANATION = Speaker 1 states, 'I cannot imagine a world without grammar, and I'm not sure I want to.' Therefore, the answer is true.

Q22: Answer - C, Impossible to say. EXPLANATION = While speaker 2 discusses the importance of being able to understand a book, he does not reference reliability, and therefore the answer is impossible to say.

Q23: Answer B. EXPLANATION = The term 'their' is used to indicate possession, in relation to people or things. The term 'they're' is a contraction for 'they are', which wouldn't make sense here. Likewise, option B also uses the term 'know' correctly – which indicates knowledge. The term 'no' is used to indicate a negative.

Q24: Answer - C. EXPLANATION = Option C is the only option which correctly uses 'we're', which is the correct contraction for 'we are', 'our' to indicate possession, and 'whether'. Were, are and whether are all incorrectly used in the other answer options.

Q25: Answer - 3. EXPLANATION = The word 'striped' should be stripped. Water is spelt incorrectly 'watre'. Incorrect punctuation after the word bear, shows a comma should be a full stop, leading up to the sentence which starts 'The bear'.

NHS LITERACY PRACTICE TEST 2

Q1: Read the following text message, and answer the question:

“Just spoken to Lucy, her flight from Newark has been delayed. It now is scheduled to leave at 4 in the morning and should be here by 10am. Not the original arrival time of 8am.”

What time is Lucy’s plane scheduled to leave?

A	B	C	D
16:00	04:00	14:00	08:00

Q2: Read the following text message, and answer the question:

“Your surgery today consists of Mr Brown at 07:30 to have his appendix removed. He is due down to the pre-op team at 07:00 hours and will administer the anaesthetic 20 minutes before surgery.

What time will Mr Brown’s anaesthetic be administered?

A	B	C	D
07:00	19:10	17:00	07:10

Q3: You arrive at work. You are a ward manager at an NHS hospital. When you arrive at work you generally grab a coffee after signing in. You will then check the notes from the previous shift then read your emails. Before briefing the team, you will walk round the ward to check all is ok. The final task of the morning is to attend the management meeting.

What is the correct sequence of tasks?

- A: Sign in; coffee; check notes; emails; check ward; brief team; meeting.
- B: Sign in; check notes; coffee; brief team; emails; meeting; check ward.
- C: Coffee; sign in; emails; check notes; brief team; check ward; meeting.
- D: Sign in; coffee; brief team; check notes; check ward; emails; meeting.

A	B	C	D

Q4: Read the passage below and try to identify the spelling and grammar mistakes.

'Their not ready to take the test,' the proffessor declared. 'None of them have done enough practise!'

How many errors are in the passage?

A	B	C	D
3	1	2	0

Q5: Identify which of the following sentences is correct.

- A: The dentist asked me to lay down. Then the drilling began.
- B: The dentist asked me to lie down. Then the drilling begun.
- C: The dentist asked me to laid down. Then the drilling began.
- D: The dentist asked me to lie down. Then the drilling began.

A	B	C	D

Q6: Identify which of the following sentences is correct.

- A: I was running out of patience with Luke. 'The way your going, there's no turning back.'
- B: I was running out of patients with Luke. 'The way you're going, theres no turning back.'
- C: I was running out of patience with Luke. 'The way you're going, there's no turning back.'
- D: I was running out of patients with Luke. 'The way you're going, there's no turning back.'

A	B	C	D

Q7: The hospital porter has a busy day today. Mrs Malik needs an x-ray on her foot which needs to be done after taking Martha back to her ward. Next, Mr Thomas needs to be taken to surgery right before Mr Bennet's MRI, and that's just the first hour!

What is the correct sequence of the porters first working hour?

- A: Martha; Mrs Malik; Mr Thomas; Mr Bennet.
- B: Martha; Mr Thomas; Mrs Malik; Mr Bennet.
- C: Martha; Mrs Malik; Mr Bennet; Mr Thomas.
- D: Mrs Malik; Martha; Mr Thomas; Mr Bennet.

A	B	C	D

Read the following passage and then answer the questions:

Amongst academics and humanities students, you'll often find that there is a clear split in opinion on the validity of creative writing as a taught subject.

Non-believers claim that the problem isn't with the subject itself, it's with the way that lecturers are naturally inclined to teach it. Creative writing lessons, they say, simply become a way for lecturers to turn students into a pastiche of themselves, with little to no direction of their own.

Then, there is the marking system itself. Can you really grade a piece of writing from 1-100? Written fiction is not the same as an essay, it is subjective, and to assign a score from 1-100 or even a grade (for example Pass, Merit, Distinction) seems utterly benign.

Now, most students simply produce stylistically carbon copies of their lecturers own writing; rather than focusing on their own work. Naturally those who don't conform then receive lower marks, while egotistical lecturers are more than happy to give out higher grades to those who replicate said lecturer's own work, attend extra-curricular events, or meet up at the pub after classes.

Q8: The writer believes that students receive higher marks from their lecturers, if they replicate said lecturer's writing style.

A	B	C
True	False	Impossible to say

Q9: According to the passage, there is no point in grading fiction, or assigning it a score.

A	B	C
True	False	Impossible to say

Q10: Students and academics are split on whether creative writing can really be taught.

A	B	C
True	False	Impossible to say

Q11: According to the passage, meeting with your lecturers at the pub after classes, will not improve your grade.

A	B	C
True	False	Impossible to say

Q12: The writer believes that Creative Writing should not be taught as a degree.

A	B	C
True	False	Impossible to say

Q13: Which two words (one from each bracket) can be combined to create a new word?

(care cook kind) (full less hold)

Q14: Which two words (one from each bracket) can be combined to create a new word?

(taste motor tell) (way guide petrol)

Q15: Which two words (one from each bracket) can be combined to create a new word?

(bow light brain) (call man irate)

Q16: Which two words (one from each bracket) can be combined to create a new word?

(sea rabbit fleet) (pull horse lion)

Q17: Which one letter will finish the word and begin the second word in each set?

Bal (?) int Cal (?) ild

A	B	C	D
M	D	T	K

Q18: Which one letter will finish the word and begin the second word in each set?

Wor (?) ale Wal (?) nit

A	B	C	D
N	K	B	T

Q19: Which one letter will finish the word and begin the second word in each set?

Bul (?) ook Tom (?) ull

A	B	C	D
T	E	B	N

Q20; Which one letter will finish the word and begin the second word in each set?

Tol (?) olt Hol (?) oor

A	B	C	D
D	H	N	U

Q21: Read the following voicemail transcript:

“Hi, this is Dr Jacobsen. I am due into the Hospital on Friday to undertake an operation on a patient David Smith. I was due to perform the operation at 11:30am. However, my schedule has changed and I will need to move the surgery 2pm, so I won’t require the operation prep team until half past twelve”.

What time will the surgery take place?

A	B	C	D
11:30	02:00am	12:30	14:00

Read the following passage then answer the questions.

Freddie looked up from peering through one of the glass cabinets, hoping to find the perfect item of jewellery for his best friend, Scarlett. He was in a small jewellery shop in the city centre of Cape Town. The walls were painted in a dark red, with pictures hung crookedly all around. The floor was tiled and scuffed. The faint lighting made it difficult to see what you were looking at, but somehow it made it feel cosier, more inviting.

Freddie stood in the farthest corner away from the tills, but the sound of the trembling young girl grabbed his attention. No older than 20, the young girl paced around the shop with her phone fixed to her ear, trying to report the incident. As customers stopped in their tracks to ogle the spectacle, the shop was beginning to overflow with curiosity and interest.

Q22: According to the text, how old was the young girl?

A	B	C	D
No older than 20	Fifteen	No older than 25	Thirteen

Q23: The following sentence may contain spelling mistakes.

He accepted the offer, expecting he wouldn't find a better one elsewhere.

How many errors are there?

A	B	C	D
0	1	2	3

Q24: The following sentence may contain spelling mistakes.

When they arived at the park, they realised they'd forgot their frisbee.

How many errors are there?

A	B	C	D
0	1	2	3

Q25: The following sentence may contain punctuation mistakes.

Claire was confused. Why did this happen?" she asked her friends.

A	B	C	D
3	2	1	0

NHS LITERACY PRACTICE TEST 2 ANSWERS

Q1: Answer - B, 04:00. EXPLANATION = The plane is now scheduled to leave at 04:00.

Q2: Answer - D, 07:10. EXPLANATION = Mr Brown's anaesthetic will be administered 20 minutes before the operation at 07:10.

Q3: Answer - A. EXPLANATION = The correct sequence of tasks is: Sign in; coffee; check notes; emails; check ward; brief team; meeting.

Q4: Answer - C, 2. EXPLANATION = There are two errors in the passage professor was spelt incorrectly and 'Their' should be 'They're'.

Q5: Answer - D. EXPLANATION = The term 'lie' is used to refer to someone/something reclining. The term 'lay' describes the act of putting something down gently. Option D also uses the word 'began' correctly. Began is the past tense of begin.

Q6: Answer - C. EXPLANATION = Option C is the only option which uses contractions 'you're' – short for 'you are' and 'there's' – short for 'there is', correctly. It also spells the term 'patience' in the correct way.

Q7: Answer - A. EXPLANATION = The correct order is: Martha; Mrs Malik; Mr Thomas; Mr Bennet.

Q8: Answer - A, True. EXPLANATION = The passage states, 'Naturally those who don't conform then receive lower marks, while egotistical lecturers are more than happy to give out higher grades to those who replicate said lecturer's own work.' Therefore, the answer is true.

Q9: Answer - A, True. EXPLANATION = The passage states, '...to assign a score from 1-100 or even a grade (for example Pass, Merit, Distinction) seems utterly benign.' Therefore, the answer is true.

Q10: Answer - A. True. EXPLANATION = The passage states, '...you'll often find that there is a clear split in opinion on the validity of creative writing as a taught subject.' Therefore, the answer is true.

Q11: Answer - B, False. EXPLANATION = The passage states, 'Naturally those who don't conform then receive lower marks, while egotistical lecturers are more than happy to give out higher grades to those who ... meet up at the pub after classes.' Therefore, the answer is false.

Q12: Answer - C, Impossible to Say. EXPLANATION = The passage is debating the validity of Creative Writing as a taught subject, but does not come to a conclusion as to whether it should be taught. Therefore, the answer is impossible to say.

Q13: Answer - Careless EXPLANATION = care/less

Q14: Answer - Motorway. EXPLANATION = motor/way

Q15: Answer - Bowman. EXPLANATION = bow/man

Q16: Answer - Seahorse. EXPLANATION = sea/horse

Q17: Answer - A, M. EXPLANATION = Balm and Mint, Calm and Mild

Q18: Answer - B, K. EXPLANATION = Work and Kale, Walk and Knit

Q19: Answer: - C, B. EXPLANATION = Bulb and Book, Tomb and Bull

Q20: Answer - A, D. EXPLANATION = Told and Dolt, Hold and Door

Q21: Answer - D, 14:00. EXPLANATION = The operation has been re-scheduled to 2pm or 14:00 hours.

Q22: Answer - A, No older than 20. EXPLANATION = The second paragraph states that the young girl is 'no older than 20'.

Q23: Answer - A, 0. EXPLANATION = The sentence has no spelling mistakes

Q24: Answer - B, 1. EXPLANATION = Arrived is spelt incorrectly (arived).

Q25: Answer - C, 1. EXPLANATION = 'Why' needs opening speech marks.

NHS LITERACY PRACTICE TEST 3

Q1: The hospital receptionist starts work at 06:00. After relieving the night shift, she checks the handover report and then grabs a cup of tea. She will then check her emails, followed by making appointments. She will then collect the post after her lunch break.

What is the correct sequence of the porters first working hour?

- A: Relieve night shift; tea; handover report; appointments; emails; lunch; post.
- B: Relieve night shift; handover report; tea; emails; appointments; lunch; post.
- C: Handover report; tea; relieve night shift; emails; appointments; post; lunch.
- D: Relieve night shift; handover report; tea; appointments; emails; lunch; post.

A	B	C	D

Q2: Which one letter will finish the word and begin the second word in each set?

Bac (?) ick Bar (?) iss

A	B	C	D
E	P	K	T

Q3: Which one letter will finish the word and begin the second word in each set?

Hal (?) ome Sal (?) rip

A	B	C	D
P	D	E	T

Q4: Which one letter will finish the word and begin the second word in each set?

Mak (?) ars Mar (?) nvy

A	B	C	D
B	E	I	R

Q5: You are a hospital cook. You start work by checking the menu after you have checked the equipment. You check the stock, then start to make the breakfast. After breakfast has finished you start preparing the lunch then have your break. After your break you start preparing ingredients for the dinner menu.

What is the correct sequence?

- A: Check menus; check equipment; check stock; breakfast; break; lunch prep; dinner prep.
- B: Check equipment; check menus; breakfast; check stock; lunch prep; break; dinner prep.
- C: Check menus; stock check; check equipment; breakfast; break; lunch prep; dinner prep.
- D: Check equipment; check menus; check stock; breakfast; lunch prep; break; dinner prep.

A	B	C	D

Q6: Read the following text message:

I have an appointment today but cannot make it. The appointment is at 6 o'clock in the evening I am Mrs Marsh. Can I re-book next week? I am available Monday at 4pm, Wednesday 11:30am and Friday at midday.

What time is Mrs Marsh's original appointment?

A	B	C	D
06:00am	16:00	18:00	12:00

Q7: Which of the following words describes something that is not deterred by the possibility of danger, pain or death?

A	B	C	D
Courageous	Captivated	Berserk	Belittled

Q8: Which of the following words describes a secret plan to commit something that is illegal or dangerous?

A	B	C	D
Speculation	Deify	Decode	Conspiracy

Q9: Which of the following words describes two things that are occurring at the same time, or in a similar way?

A	B	C	D
Parallel	Inclination	Downfall	Causation

Q10: Which of the following words describes something that is kept or done in secret?

A	B	C	D
Berate	Clandestine	Blasphemous	Precociously

Q11: Which one letter will finish the word and begin the second word in each set?

Ren (?) eal Gol (?) ial

A	B	C	D
E	D	H	A

Q12: Which one letter will finish the word and begin the second word in each set?

Bee (?) ear Cur (?) old

A	B	C	D
T	D	Y	N

Q13: Which one letter can be moved from the first word to the second word to create two new words?

Bold Rain

A	B	C	D
D	L	B	O

Q14: Which one letter can be moved from the first word to the second word to create two new words?

Smash Ham

A	B	C	D
S	A	H	M

Read the following passage and answer the following questions:

The railway system of Great Britain is one of the oldest in the world. The first steam locomotive was used in Britain, and has become a paramount feature of contemporary society.

The arrival of railways has contributed to the dramatic growth in industrialisation during the nineteenth century, and has ultimately had profound impacts on social and economic changes. The railway 'filled a void' that other forms of transport could not. Railways were able to provide an efficient, fast, cost effective and environmentally friendly service that catered for the needs of many people.

The history of the railways in Great Britain is remarkable. The incredible changes that have been made over hundreds of years are remarkable, and can only be described as the 'transformation of transport'. In 1804, the first successful steam locomotive ran on wheels, and was used to transport iron across a track of nine miles. Built by Richard Trevithick, the locomotive – 'the Penydarren', was the world's first steam engine to run on rails.

Since the early 19th century, railways have continued to develop and are now a strong infrastructure within hundreds of societies. During the First World War, the Government took over and ran the railways until 1921, when private railway companies regained control. During 1921, an Act was passed in Parliament which merged four railway companies: known simply as the 'British Rail'.

During 1940 in the Second World War, the companies effectively worked together to help Britain's war efforts, and in the late 1940s these railways were nationalised and formed 'British Railways', which was implemented under the Transport Act. In the 50s, society saw a modernised change in regard to railway services. Diesel and electrical trains were introduced, and started to replace the steam locomotive trains.

In 1960, the railways were re-organised in order to try and make money. Secondary routes and branch lines closed. As rationalisation took hold, one-third of the pre-1948 networks closed. A giant leap was undertaken in the 70s, and saw the introduction of the 'high-speed diesel-electric' service trains, and by 1990 both main coastal express routes, the East and West Coast Main Lines, had been electrified between central Scotland and London.

In 1994, the Channel Tunnel opened and began the service from England to France. This exponential growth in regard to the railway services has considerably changed over the years, and will continue to adapt.

The number of journeys in Great Britain between 2010 and 2011 reached a record breaking 1.16 billion. As of 2013, British railways are believed to be the second safest in Europe (after Luxembourg), and ultimately deliver a modernised service for both local and national railway routes.

Q15: Where was the first steam locomotive train used?

A	B	C	D
Germany	France	Britain	Spain

Q16: What is the main reason the Railway was created?

A	B	C	D
Protect the environment	Fill a void	Reduce carbon emissions	Create transport for middle classes

Q17: In what year did the first steam locomotive train run?

A	B	C	D
1800	1901	1821	1804

Q18: In 1921, an Act in Parliament was implemented and saw the introduction of...

A	B	C	D
British Railways	Great British Railways	The Four Rails	British Rail

Q19: What was the name of the Act in 1940 that nationalised the four railways?

A	B	C	D
Transportation Act	Local Transport Act	Transport Act	National Transport Act

Q20: What type of trains were introduced in the 1970s?

A	B	C	D
High-speed	Diesel	Electrical	Steam

Q21: You are a paramedic. You have just arrived at the scene of a RTC. You survey the situation and can see four casualties. Casualty 3 is lying on the ground, so you deal with them first. Once you have dealt with casualty 3, you move to casualty 1 who is sitting down. Just as you are about to reach casualty 1, you hear a scream from casualty 4, so you deal with them before casualty 1. After casualty 4 is settled you return to casualty 1 and finish on casualty 2

What is the correct sequence?

- A: Casualty 2; Casualty 3; Casualty 4; Casualty 1.
- B: Casualty 3; Casualty 1; Casualty 4; Casualty 2.
- C: Casualty 3; Casualty 4; Casualty 1; Casualty 2.
- D: Casualty 1; Casualty 3; Casualty 2; Casualty 4.

A	B	C	D
30	37	39	33

Q22: Fill in the missing word so that the sentence reads correctly

Sophia wanted to get a _____ present for her grandma.

A	B	C	D
thortful	thoughtful	throughtful	thourtful

Q23: Which letter is missing from the following words?

PAC () ILL and LOO () EEN

A	B	C	D
S	E	M	K

Q24: Read the following message and then answer the question.

I have a number of appointments today and unfortunately; I will have to reschedule some of them. Can you first call Mrs Ahmed and see if we can swap her appointment which is for today at 11:15 and move to tomorrow at 09:05. If not, I can fit her in on Tuesday at 2pm or Friday at half 4. Please let me know the outcome?

What time was Mrs Ahmed offered on Tuesday?

A	B	C	D
04:30	11:15	14:00	3pm

Read the following passage below and answer the following question.

In the modern-day job-market, it's become more and more common for interviewers to ask: 'What do you know about us?' Companies want to know that you've done your research – not only does this show dedication and passion for the role, but it also demonstrates that you are actually interested in working for them rather than just 'working a job'. Naturally, this extends to hospitals. If you're applying to a particular hospital, then make sure you research both the hospital and the NHS. What initiatives are the NHS running in your local area? What is it specifically about this hospital that attracts you?

Q25: How many errors are in the passage?

A	B	C	D
0	5	3	4

ORDER ID: 0008716

NHS LITERACY PRACTICE TEST 3 ANSWERS

Q1: Answer - B. EXPLANATION = The correct sequence is Relieve night shift; handover report; tea; emails; appointments; lunch; post.

Q2: Answer - C, K. EXPLANATION = Back and Kick, Bark and Kiss.

Q3: Answer - D, T. EXPLANATION = Halt and Tome, Salt and Trip

Q4: Answer - B, E. EXPLANATION = Make and Ears, Mare and Envy

Q5: Answer - D. EXPLANATION = The correct sequence is: Check equipment; check menus; check stock; breakfast; lunch prep; break; dinner prep.

Q6: Answer - C, 18:00. EXPLANATION = The original appointment is at 6 o'clock in the evening or 18:00 hours.

Q7: Answer - A. EXPLANATION = Courageous

Q8: Answer - D. EXPLANATION = Conspiracy

Q9: Answer - A. EXPLANATION = Parallel

Q10: Answer - B. EXPLANATION = Clandestine

Q11: Answer - B, D. EXPLANATION = Rend and Deal, Gold and Dial

Q12: Answer - A, T. EXPLANATION = Beet and Tear, Curt and Told

Q13: Answer - C, B. EXPLANATION = Old / Brain

Q14: Answer - A, S. EXPLANATION = Mash / Sham

Q15: Answer - C, Britain. EXPLANATION = For this question, you can look to paragraph 1 to see that it states: "The first steam locomotive was used in Britain", giving you your answer.

Q16: Answer - B, Fill a void. EXPLANATION = You can find the answer to this question in paragraph 2, where the writer states: "The railway 'filled a void' that other forms of transport could not."

Q17: Answer - D, 1804. EXPLANATION = In paragraph 3, the writer states that "In 1804, the first successful steam locomotive ran on wheels".

Q18: Answer - D, British Rail. EXPLANATION = Paragraph 4 mentioned the Act that was passed in Parliament in 1921, and says it was known as "British Rail".

Q19: Answer - C, Transport Act. EXPLANATION = Be careful with your selection in questions like this, as the options are all very similar.

Q20: Answer - A, High-speed. EXPLANATION = The answer to this question can be found in paragraph 6, where it says that "A giant leap was undertaken in the 70s, and saw the introduction of the 'high-speed diesel-electric' service trains."

Q21: Answer - C. EXPLANATION = The correct sequence is: Casualty 3; Casualty 4; Casualty 1; Casualty 2.

Q22: Answer B. EXPLANATION = thoughtful is the correct spelling.

Q23: Answer - D, K. EXPLANATION = Pack, Kill, Look and Keen

Q24: Answer - C. EXPLANATION = Mrs Ahmed was offered 2pm or 14:00 hours on Tuesday.

Q25: Answer - D, 4 errors. EXPLANATION = Three of the words are spelt incorrectly: interveiwors (interviewers), dedicatoin (dedication) and Naturally (Naturally). There is also a word which should have been spelt differently: 'roll' should have been spelt 'role'

ORDER ID: 000871

NHS NUMERACY AND LITERACY MOCK TESTS

Now you have come to the end of your numeracy and literacy warm up and practice tests, we have provided for you below a further 2 mock tests, which you should attempt under timed conditions to attempt to simulate assessment conditions. You will be given 25 minutes to answer the 25 questions. 4 marks will be awarded for every correct question. You are allowed to use a calculator for the numeracy questions.

ORDER ID: 00087162

NHS NUMERACY & LITERACY MOCK TEST 1

Q1. Read the following information before answering the question.

Stacey leaves home at 07:40. It takes her 7 minutes to walk to the bus stop. Her bus is scheduled to leave at 07:50. The bus journey to work then takes 43 minutes. Stacey then walks 12 minutes from the bus stop to the hospital.

At what time does Stacey arrive at the hospital?

A	B	C	D
08:32	08:16	08:42	08:45

Q2. Read the following information before answering the question.

Mohammad leaves home at 07:51. It takes him 7 minutes to walk to the train station. His train is scheduled to leave at 08:02. The train journey takes 31 minutes. Mohammad then walks 11 minutes from the train station to the hospital.

At what time does Mohammad arrive at the hospital?

A	B	C	D
08:55	08:54	08:44	08:34

Q3. Read the following information before answering the question.

Marcus works at a GP surgery. He leaves home at 07:59. It takes him 8 minutes to walk to the bus stop. His bus leaves at 08:08 and the journey takes 37 minutes. Marcus then walks 17 minutes from the bus stop to the GP surgery.

Marcus is due to start work at 09:00. Will he be late for work?

- A. Yes
- B. No

A	B
Yes	No

Q4. Below are details of Karen’s work diary. Karen works in for the NHS as an admin officer. Which order does Karen do each task each day?

I get to work before switching on the computers in the office. I then check the post before switching on the kettle. I then check the answerphone messages after I have obtained a brief from my manager.

- A. Computers; Kettle; Post; Answerphone Messages; Brief From Manager.
- B. Post; Kettle; Computers; Brief From Manager; Answerphone Messages.
- C. Computers; Post; Kettle; Brief From Manager; Answerphone Messages.
- D. Computers; Post; Kettle; Answerphone Messages; Brief From Manager.

Q5. Below are details of Roberts work diary. Robert works in the procurement department at his local hospital. Which order does Robert do each task each day?

When I get to work, I check my emails after I have had a cup of coffee. I then call the company suppliers to get an update on deliveries before checking the post. I then attend a meeting before working on a project.

- A. Coffee; Emails; Suppliers; Post; Meeting; Project.
- B. Emails; Coffee; Suppliers; Post; Meeting; Project.
- C. Coffee; Suppliers; Emails; Post; Project; Meeting.
- D. Emails; Coffee; Post; Suppliers; Meeting; Project.

A	B	C	D

Q6. Below are details of Adeena’s work diary. Adeena works as an admin assistant for the NHS. Which order does Adeena do each task each day?

When I get to work I carry out a stocktake to ensure we have sufficient office supplies for the day. Once I have checked my emails, I a team briefing. After I have had a tea break, I call several contractors before finishing for the day.

- A. Stocktake; Team Briefing; Emails; Call Contractors; Tea Break.
- B. Stocktake; Emails; Team Briefing; Tea Break; Call Contractors.
- C. Stocktake; Emails; Tea Break; Team Briefing; Call Contractors.
- D. Stocktake; Emails; Team Briefing; Call Contractors; Tea Break.

A	B	C	D

Q7. A patient's pulse rate is 27 beats per 20 seconds. How many beats are there in 1 minute?

A	B	C	D
81	54	47	127

Q8. A patient's pulse rate is 17 beats per 10 seconds. How many beats are there in 1 minute?

A	B	C	D
170	120	102	127

Q9. A patient's pulse rate is 65 beats per 30 seconds. How many beats are there in 1 minute?

A	B	C	D
95	130	125	135

Q10. A patient has been prescribed 75 milligrams (mg) of medication each day. How many milligrams will the patient take each week?



A	B	C	D
375mg	750mg	525mg	252mg

Q11. A patient has been prescribed 8 milligrams (mg) of medication 3 times daily after meals. How many milligrams will the patient take in 5 days?



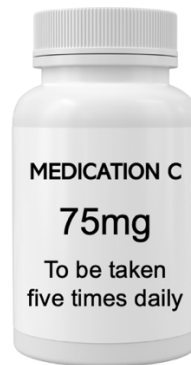
A	B	C	D
24mg	240mg	140mg	120mg

Q12. A patient has been prescribed 15 milligrams (mg) of medication 6 times daily with water. How many milligrams will the patient take in 14 days?



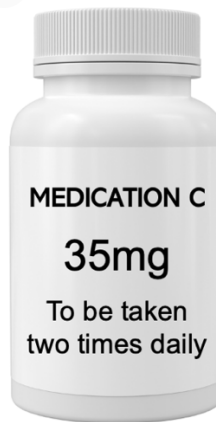
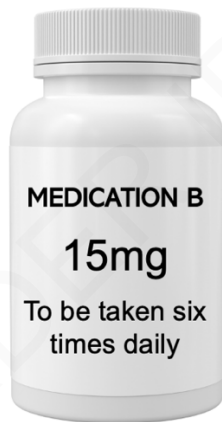
A	B	C	D
1,260mg	90mg	210mg	1,600mg

Q13. A patient has been prescribed the following medication. How many milligrams in total will the patient take in 10 days?



A	B	C	D
5,050mg	4,750mg	4,900mg	5,600mg

Q14. A patient has been prescribed the following medication. How many milligrams in total will the patient take in 7 days?



A	B	C	D
798mg	630mg	1,918mg	1,288mg

Read the following passage before answering the questions that follow.

The NHS is a formidable organisation that employs talented, hard-working, and committed staff who work tirelessly to provide a first-class service to everyone. It is the responsibility of all healthcare professionals to 'make every contact count' when they deal with individuals and patients in their daily work. Healthcare staff in the NHS should, where possible, seek to maintain or improve people's mental and physical wellbeing in all of they're duties.

Q15. In the second sentence of the paragraph the word professionals is spelt incorrectly. Which of the following words is the correct spelling?

A	B	C	D
professionals	profesionnals	professionals	proffesionnals

Q16. In the final sentence of the paragraph the word they're is incorrect. Which of the following words should be used instead?

A	B
their	there

Read the following passage before answering the questions that follow.

When assessing patients at a local hospital, staff have been conducting a 2-minute Alcohol Test (AT) to those patients who have specific conditions associated with alcohol misuse including trips, falls, and concussion. If the AT identifies the patients condition was in fact related to alcohol, medical staff will offer feedback and provide an educational leaflet patients will also be offered an appointment with a healthcare worker who specialises in alcohol misuse.

Q17. Which one word in the paragraph is spelt incorrectly?

A	B	C	D
concussion	leaflet	associated	assessing

Q18. A full stop is missing in the paragraph. Between which two words should the full stop be placed?

A	B	C	D
misuse including	worker who	conditions associated	leaflet patients

Q19. Susan attends to the gym four times a week. When she cycles, she burns 360 calories per hour. When she uses the treadmill, she burns 300 calories per hour. During one particular visit, she cycles for 45 minutes and uses the treadmill for 20 minutes. How many calories does she burn?

A	B	C	D
510 calories	910 calories	660 calories	370 calories

Q20. Robert attends the gym regularly. When he cycles, he burns 350 calories per hour. When he uses the rowing machine, he burns 300 calories per 30 minutes. During one particular week, he attends the gym four times. How many calories will he burn in total if he repeats the same exercise pattern each visit?

A	B	C	D
1,660 calories	2,600 calories	1,800 calories	650 calories

Q21. Read the following information before answering the question.

Derek leaves home at 10:45am. It takes him 1 hours and 36 minutes to drive to the airport. His flight is expected to leave at 14:25. boarding closes 20 minutes before the flight is due to depart. Once arrived at the airport how long does Derek have to get to the departure gate desk before it closes?

- A. 2 hour 4minutes
- B. 1 hour 44minutes
- C. 2 hour 14 minutes
- D. 1 hour 55 minutes

A	B	C	D
2 hour 4 mins	1 hour 44 mins	2 hour 14 mins	1 hour 55 mins

Q22. Below are details of Eric's work diary. Eric works a pharmacy manager for the NHS. Which order does Eric do each task each day?

When I get to work, I check to ensure the medication required for today has been delivered. I then brief my team. After that I will check order requests before having lunch. I then check my emails, then make any required calls. After the pharmacy is closed for the day, I lock up and head home.

- A. Make calls; Medicine delivery; Order requests; Briefing; Lunch; Emails
- B. Medicine delivery; Order requests; Briefing; Emails; Lunch; Make calls.
- C. Medicine delivery; Briefing; Order requests; Lunch; Emails; Make Calls.
- D. Briefing; Emails; Check medicine delivery; Order requests; Lunch; Make Calls.

A	B	C	D

Read the following passage before answering the questions that follow.

Public Health England exists to protect and improve the nation's health and wellbeen, and reduce health inequalities. It does this through world-class science. knowledge and intelligence, advocacy, partnerships and the delivery of specialist public health services. PHE is an operationally autonomous executive agency of the Department of Health.

Q23 Which word in the passage is spelt incorrectly?

A	B	C	D
Intelligence	Partnerships	Science	Wellbeen

Q24. Which word in the passage has incorrect punctuation after it?

A	B	C	D
services	intelligence	Science	inequalities

Q25. A patient comes into your pharmacy to collect their medication. The prescription states that they should collect 60 days' worth of tablets. They need to take 3 tablets each day. You start to put together their prescription. You realise that you only have 75 tablets in stock. You give the patient the medication and give them a written note that they are owed the remainder of the tablets. How many tablets do you owe the patient?

A	B	C	D
95	110	105	115

NHS NUMERACY & LITERACY MOCK TEST 1 ANSWERS

Q1: Answer - D. Stacey leaves home at 07:40 plus 7 minutes to walk to the bus stop = 07:47. She boards the bus and departs at 07:50. The bus journey adds 43 minutes which is 08:33, plus a further 12 minutes' walk equals 08:45.

Q2: Answer - C. Mohammed leaves at 07:51. After a 7 minute walk he arrives at the train station 07:58. He boards the train and departs at 08:02. Mohammed is on the train for 31 minutes which takes him to 08:33. He walks for a further 11 minutes reaching the hospital at 08:44.

Q3: Answer - A. Marcus will be late for work. He leaves at 07:59, add 8 minutes to walk to the bus stop arriving at 08:07. The bus leaves at 08:08 and travels for 37 minutes taking the time to 08:45. Marcus then has to walk for another 17 minutes, giving him an arrival time of 10:02.

Q4: Answer - C. The correct order is Computers; Post; Kettle; Brief From Manager; Answerphone Messages

Q5: Answer - A. The correct order is Coffee; Emails; Suppliers; Post; Meeting; Project.

Q6: Answer - B. The correct order is Stocktake; Emails; Team Briefing; Tea Break; Call Contractors.

Q7: Answer - A. 1 minute = 60 seconds divided by 20 = 3. $3 \times 27 = 81$ bpm.

Q8: Answer - C. 1 minute = 60 seconds divided by 10 = 6. $6 \times 17 = 102$ bpm.

Q9: Answer - B. 1 minute = 60 seconds divided by 30 = 2. $2 \times 65 = 130$ bpm.

Q10: Answer - C. 75×7 days = 525mg

Q11: Answer - C. $3 \times 8 = 24$ mg. $24\text{mg} \times 5$ days = 120mg

Q12: Answer - A. $15\text{mg} \times 6 = 90\text{mg}$ per day. 14 days $\times 90\text{mg} = 1,260\text{mg}$

Q13: Answer - C. Medication A - $15\text{mg} \times 1 = 15\text{mg}$. Medication B - $50\text{mg} \times 2 = 100\text{mg}$ Medication 3 - $75\text{mg} \times 5 = 375$ mg. $15\text{mg} + 100\text{mg} + 375\text{mg} = 490\text{mg}$ per day. $490\text{mg} \times 10$ days = 4900mg.

Q14: Answer - C. Medication A - $8\text{mg} \times 3 = 24\text{mg}$. Medication B - $15\text{mg} \times 6 = 90\text{mg}$ Medication 3 - $35\text{mg} \times 2 = 70\text{mg}$. $24\text{mg} + 90\text{mg} + 70\text{mg} = 184\text{mg}$ per day. $184\text{mg} \times 7$ days = 1288mg.

Q15: Answer - A. the correct spelling of the word is 'professionals'.

Q16: Answer - A. As it is associated in regards to a person's duty the correct term is 'their'

Q17: Answer - B. The correct answer is leaflet, this should be spelt leaflet.

Q18: Answer - D. The full stop needs to be between the two words in answer D. 'Leaflet' should also be spelt 'leaflet' and 'patients' should be capitalised.

Q19: Answer - Cycling = 360 calories per hour. 45 minutes divide by 60 minutes 0.75. $360 \times 0.75 = 270$ calories. Treadmill = 300 calories per hour. 20 minutes divide by 60 minutes = 0.333. $300 \times 0.3333333 = 100$

Q20: Answer - $300 + 350 = 650$ calories per session. $650 \times 4 = 2,600$ calories.

Q21: Answer - B. Derek leaves his house at 10:45am and drives to the airport which takes him 1 hour and 36 minutes, the time will be 12:21. As boarding closes 20 minutes before scheduled departure Derek will need to be at the departure gate by 14:05. From 12:21 this will leave Derek with 2 hours and 4 minutes to get to the departure gate.

Q22: Answer - C. The correct order of tasks is: Medicine delivery; Briefing; Order requests; Lunch; Emails; Make Calls.

Q23: Answer - D. Wellbeen is not a word, this should be spelt 'Wellbeing'

Q24: Answer: C. As science is part of a sentence, a comma should proceed the word not a full stop.

Q25: Answer - C. First work out the number of tablets required for the 60 days. $3 \text{ tablets} \times 60 \text{ days} = 180$ tablets. Subtract the number of tablets in stock from the prescribed amount; $180 - 75 = 105$ tablets owed.

NHS NUMERACY & LITERACY MOCK TEST 2

Q1: Read the following text message. What time does Dr Ali arrive?

Dr Ali's train has been cancelled. Was due in at 13:45. The next train arrives at 15:35 which he will catch, and leaves at 14:15.

A	B	C	D
13:45	03:15	15:35	14:15

Read the following passage.

Whoever you are, however confident you are, it's fair to say that the vast majority of people feel at least some anxiety about attending an interview. This is especially the case for an NHS interview, where you can be certain that you will be grilled against a variety of factors, not least your previous experience of working with patients. The NHS prides itself on being one of the world's most elite healthcare organisations, and for this reason you can expect to take a pretty comprehensive interview.

Q2: Which three words are spelt incorrectly or grammatically incorrect?

Q3: Steve is your patient; he is only allowed 1,500 calories for the day. For breakfast he has had Beans on toast which accounts for 521 calories. For lunch he had a ham and pickle sandwich and some crisps which amounts to 427 calories. For dinner Steve can either have:

Also, you must save at least 100 calories for dessert. Which options can Steve have for his main meal, choose all that apply?

A	B	C	D	E
Roast Beef 626 cal	Lasagne 555cal	Jacket & Salad 421cal	Minced Beef & Veg 510cal	Cod & Chips 435cal

Q4: A patient has been prescribed 36mg of medication B what volume should be given to the patient per dose?



A	B	C	D
75ml	100ml	80ml	95.5ml

Q5: Over 11 days how much in mg of medication A, will the patient take if they adhere to the instructions on the bottle?



A	B	C	D
345mg	454mg	296mg	264mg

Q6: A patient has been prescribed 35mg of Medication C. How many tablets should they be administered?



A	B	C	D
3	4	2.5	2

Read the following passage

Job interviewers have become more relaxed in terms of what they do and do not accept these days. Now, depending on the company of course, aspects like beards, tattoos and in some places even piercings are more acceptable. What has not changed though, is the expectation that attendees to an interview make the effort to look smart. At a bear minimum, you should be wearing a smart jacket and smart shoes, usually with a tie and trousers if possible.

Q7: Which three words in the passage are spelt incorrectly?

Q8: Which word in the passage is grammatically incorrect?

Q9: Olivia works at the town health centre which is a 23-minute drive from her house. One Monday morning Olivia wakes up late. In her haste of leaving, she does not check the traffic report and gets stuck in a jam for 15 minutes. She decides to turn around and use the motorway which is a longer trip to hospital and will take her a further 37 minutes. Olivia left her house at 08:13. What time will she arrive at the health centre?

- A. 08:58
- B. 08:50
- C. 09:05
- D. 09:07

A	B	C	D
08:58	08:50	09:05	09:07

Q10: Andrew visits the gym 4 times a week. During his visits he uses the treadmill where he burns 600 calories per hour and the stepping machine where he burns 700 calories per hour. If Andrew runs for 40 minutes and uses the step machine for 15 minutes how many calories does he burn each visit?

- A. 625 calories
- B. 595 calories
- C. 575 calories
- D. 450 calories

A	B	C	D
625 calories	595 calories	475 calories	450 calories

Q11: Over the week how many calories does Andrew burn?

- A. 2,300
- B. 1,900
- C. 2,450
- D. 2,700

A	B	C	D
2,300 calories	1,900 calories	2,450 calories	2,700 calories

Q12: Rajiv is a consultant and works at the city hospital. She needs to get to the hospital for 10am for her first appointment. Unfortunately, her car has broken down and she needs to use public transport to get to work. She asks her husband to drop her at the train station of Redford. They leave the house at 08:30. The station is a 11-minute drive. Once at the City station she needs to choose which train to take. She knows that she will have to walk for a further 12 minutes. Which train will she need to catch to ensure she arrives in time for her first appointment?

Redford	Wexham	Ficshire	City Station
08:49	09:00	09:30	09:51
08:55	-	09:25	09:50
09:02	09:13	-	09:47
09:07	09:18	09:48	10:10

A	B	C	D
08:49	08:55	09:02	09:07

Q13: Liam leaves for his hospital porter job each day at 05:35. He walks for 13 minutes to his friend's house and waits for 6 minutes. Liam and his friend walk to the bus stop (4 minutes) and wait for the bus which takes 6 minutes to arrive. Once on the bus the journey takes them a further 26 minutes to arrive at the nearest bus stop to their hospital. The walk from this stop takes a further 12 minutes. What time will Lian and his friend get to work?

A	B	C	D
06:45	06:42	06:27	06:51

Q14: Terri is a nurse at the local hospital, when she arrives at work, she will check the patient notes after she has made a coffee. She will then attend the staff briefing, and then check her equipment before doing her patient rounds.

- A. Check notes; Attend briefing; Make coffee; Check eqpt; Patient rounds.
- B. Make coffee; Attend briefing; Check notes; Patient rounds; Check eqpt.
- C. Check notes; Make coffee; Check eqpt; Attend briefing; patient rounds.
- D. Make coffee; check notes; Attend briefing; check eqpt; patient rounds.

A	B	C	D

Read the passage below:

You are the hospital chef and you are dividing the patient's meals into portions. You have been given instructions to divide a large tray of lasagne into equal portions of 400 calories per patient. The tray weighs 6kgs and there are 100 calories per 200g of lasagne.

Q15: How many grams of lasagne will each patient receive?

A	B	C	D
600g	700g	500g	700g

Q16: How many servings of lasagne will you get from each tray?

A	B	C	D
8	6	7.5	9

Q17: How many Kgs of Lasagne would you need to feed 50 patients?

A	B	C	D
44kgs	50kgs	38kgs	40kgs

You receive a voicemail from a colleague who is flying in to perform a specialist operation at your hospital.

“Hi, my name is Dr Newbury. I am due to fly into City airport tomorrow at 11pm, to undertake a surgery at your hospital the following day at 1pm. However, my last appointment has now been cancelled so I plan to arrive earlier than planned at half past nine in the evening. If you want to track my flight this leaves 6pm, flight number TZ2783”.

Q18: What time does the flight arrive?

A	B	C	D
06:00	23:00	21:30	13:00

Q19: What time is Dr Newbury scheduled to undertake the specialist operation?

A	B	C	D
01:00	13:00	21:30	15:00

Read the following passage.

My city. The beautiful backstreets bustle, and the gorgeous alleyway aroma drifts and flows and fills my nostrils, as I scamper, satisfied, along the cold stone pavements. I feel a rush of warmth inside of me as I catch a glimpse of my friends. I see their nude tails whip violently, excitedly, around the corner and I scurry to catch them. To be reunited once again with Todd, Marsha, George and oh...there's my brother, Harry. The gang all together again, like it should be.

We all pause for a moment to catch our breath and I look up at the people above. They look empty, like hollow marching clones, clumping and thumping their enormous bodies around, drifting aimlessly into one brightly lit shop after another. I strain my eyes staring for so long in a seemingly timeless daze that yellows and reds and blues start to merge into one strange aura of colour and light, and I lose all awareness of the commotion around me.

I don't think I will ever tire of living here. At least that's one thing I can be sure of. As for my friends, I eventually snap myself out of my hazy restful state to find that they have completely deserted me. Not to worry, I think, I'm fine here on my own at the moment. I do seem to have a habit of losing myself in my own thoughts, only to find that everyone else has already long gone.

As I continue to make my way down the street, I decide to have a bit of fun. I start to dodge in and out of people's feet and legs, even sometimes accidentally brushing my tail gently against them. This makes them scream with terror. Sometimes they jump up and run away, and I watch them as they disappear into the distance. I really don't know what it is about me that induces such a reaction, but I guess bigger isn't always better. I rule this city. No doubt.

I quickly dart back into the familiar alley to escape from the people's voices. The drones, the piercing laughter, it is all starting to get a bit much for me. Dinner. What's on the menu tonight? Every night is a surprise for me, I can tell you that! No ordering and waiting for hours on end, no deliberating over this and that. No, I'm not a time waster. Life is too short, as they say. I know, I know – it's a cliché but it's entirely true. At least in my opinion. Got to experience everything you possibly can, meet people. I cross paths with the type of personalities that spark my imagination in this city every single day.

Finding something to eat proves more difficult than it sounds tonight. To be honest it does seem to be getting a lot tougher as of late. All I want is something small, just to tickle my stomach. Although I wouldn't say no to a warm, hearty meal – haven't had one of those in a while. Still, I go on. Must be the early hours of the morning by now. The city never sleeps, eh? Well I certainly do. I delight in curling up in the deliciously pungent sewer.

I pick my favourite spot to settle down and find Marsha and Todd already resting close by. We eventually all fall asleep to the disappointed rhythms of our empty, rumbling stomachs. Sounds like they haven't had much luck with dinner tonight either.

Within minutes of drifting off, the intense pang in my stomach wakes me again. This sort of thing seems to be turning into a routine just lately. The pain is sharper than usual this time, and every muscle in my body feels tired and sore. I plead with myself just to relax and drift back into sleep for probably an hour, to no avail.

I decide to have a bath to try and ease the aches and pains and help me relax a little more. I indulge in a thick, warm bath in one of my favourite corners of the sewer. I admittedly feel a little better but as soon as I step out I realise that the relief was short-lived. I eventually give in and decide that I will have to force myself up and head back into the city on another mission for nutrition.

I should probably have asked my friends to come with me this time. Many hands make light work as they say. I didn't want to wake them, though, and I'm not sure where my brother or George are. I'll probably end up bumping into one of them in one of our usual spots. The trouble for us is that people seem to be throwing away less and less. The streets are tidier and the bins are emptier. It may be a nicer environment for the humans – but do they ever think of how it affects us?

Q20: What literary technique is made use of twice in paragraph 1?

A	B	C	D
Metaphor	Simile	Personification	Alliteration

Q21: What type of narration is this extract written in?

A	B	C	D
First person	Second person	Third person	Mixture of all three

Q22: What literary technique is made use of in line 3, paragraph 2?

A	B	C	D
Onomatopoeia	Metaphor	Foreshadowing	Irony

Q23: Which clue in the text gives you an idea of what kind of creature the main character is?

A	B	C	D
Scamper	Favourite spot	Snap	The gang

Q24: "Sounds like they haven't had much luck with dinner tonight either". How does the main character know that his friends haven't had dinner?

A	B	C	D
"What's on the menu tonight?"	"rumbling stomachs"	"the bins are emptier"	"pang in my stomach"

Q25: The author uses the phrase "to no avail". What does this mean?

A	B	C	D
Fruitless	Consequential	Pointless	Worthwhile

ORDER ID: 00087162

NHS NUMERACY & LITERACY MOCK TEST 2 ANSWERS

Q1: Answer - C - Dr Ali's train will arrive at 15:35.

Q2: Answer - The three words spelt incorrectly or grammatically incorrect are 'fare' should be 'fair'. 'previuos' should be 'previous' and 'pateints' should be 'patients'.

Q3: Answer - C and E. Steve can either have C or E. With his breakfast, lunch and dessert to consider, Steve has consumed 1048 calories allowing him 452 left for his dinner. Out of the options only C & E will not go over his daily calorie target.

Q4: Answer - B. The ratio of grams to millilitres is 9mg/25ml. You know you require 36mg. To work out the volume divide 36 by 9 = 4. You then multiply 25ml x 4 = 100 ml to get the figure per dose.

Q5: Answer - D. According to the label the patient needs to take 8mg x 3 times each day which is 24mg. Times this by 11 days 24 x 11 = 264mg.

Q6: Answer - C. To work this out simply divide 35 by 14 to get the answer of 2.5 tablets.

Q7: Answer - The three words spelt incorrectly are 'peircings' (piercings), 'atendees' (attendees) and 'usualy' (usually).

Q8: Answer - bear. Although bear is a word, this should not be used in this context as it relates to an animal for example 'Brown Bear'. In this context the word should be spelt 'bare'.

Q9: Answer - C. Olivia will arrive at 09:05am. Leaving her house at 08:13 and getting stuck in traffic for 15 minutes will take her to 08:28. Taking the alternate route will a further 37 minutes which will see her arrive at work at 09:05.

Q10: Answer - C. Andrew burns 400 calories on the treadmill and 175 calories on the stepping machine totalling 575 per session.

Q11: Answer - A. As we have established that Andrew goes to the gym four times a week and burns 575 calories per session simply multiply 575 by 4 to get total for the week of 2,300 calories burned.

Q12: Answer - C. The only train which will allow for Rajiv to arrive on time is the train leaving at 09:02. This arrives at City station at 09:47. Adding on the 12 minute walk this will see her arrive at 09:59, just in time for the first patient.

Q13: Answer - B. Liam leaves home and walks to his friends (13 minutes), 05:48. Wait for 6 minutes and then walk from his friends to the bus stop (4 minutes) takes them to 05:58. Wait for the bus for 6 minutes, 06:04. The 26 minute bus journey results in a arrival time of 06:30. With the 12 minute walk to the hospital, Liam arrives at work at 06:42.

Q14: Answer - The correct sequence is Make coffee; check notes; Attend briefing; check eqpt; patient rounds.

Q15: Answer - B. Each patient should receive 400 calories worth of Lasagne. We know that 200g of Lasagne is 100 calories. So, all we need to do is multiply $200\text{g} \times 4 = 800\text{g}$ of Lasagne which equates to 400 calories.

Q16: Answer - C. 6000 divided by $800 = 7.5$ servings per tray.

Q17: Answer - D. $800\text{g} \times 50$ patients = $40,000\text{g}$. This equates to 40kgs .

Q18: Answer: The flight arrives at 21:30.

Q19: Answer - The operation time has not changed it is still going ahead as planned at 13:00.

Q20: Answer - D. The author uses alliteration twice in paragraph 1 ("beautiful backstreets", "scamper, satisfied").

Q21: Answer - A. The extract is written from a first person perspective.

Q22: Answer - A. Try saying the word 'thumping' out loud. It is quite a heavy sounding word, with particular emphasis at the start, with the 'thu'.

Q23: Answer - A. The word "scamper" sounds rodent-like.

Q24: Answer - B. If their stomachs are rumbling, this suggests that they are hungry.

Q25: Answer - A. Fruitless.

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