Key skills application of number
Adult numeracy
Level 1

Practice Test Paper F

YOU NEED

- This test paper
- An answer sheet

You may NOT use a calculator
You may use a bilingual dictionary

Do NOT open this paper until you are told to do so by the supervisor

There are 40 questions in this test
Total marks available: 40
Try to answer ALL the questions

YOU HAVE 1 HOUR AND 15 MINUTES TO FINISH THE TEST

INSTRUCTIONS

- Make sure your personal details are entered correctly on the answer sheet
- Read each question carefully
- Follow the instructions on how to complete the answer sheet
- At the end of the test hand in the question paper, your answer sheet and all notes to the supervisor

REMEMBER: YOU HAVE 1 HOUR AND 15 MINUTES TO FINISH THE TEST

Note for learners and tutors. This is a practice test that has been put together using questions similar to those that you would find in a "live" Key skills application of number or Adult numeracy test. The layout of the test is also the same as that used for a live test.
1. A charity raises fourteen thousand and fourteen pounds.

What is this amount in figures?

A £1 414
B £14 014
C £140 014
D £1 400 014

2. The charity organises a dance. One hundred and fifty people pay £3.50 each.

How much do they pay altogether?

A £52.50
B £525.00
C £5 250.00
D £52 500.00

3. 63 241 people go to a football match.

What is this number rounded to the nearest thousand.

A 63 000
B 63 200
C 63 240
D 64 000

4. Twenty seven thousand five hundred and six people go to another match.

What is this number in figures?

A 27 506
B 27 560
C 275 006
D 2 700 506
5. A receptionist earns £6.15 an hour. She works 39 hours a week.

Which of these is closest to what she earns in a week?

A £6 x 30  
B £7 x 30  
C £6 x 40  
D £7 x 40

6. Here is part of a shop catalogue.

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Catalogue Number</th>
<th>Description</th>
<th>Power</th>
<th>Digits</th>
<th>Functions</th>
<th>Case</th>
<th>Memory</th>
<th>Colour of case</th>
<th>Price</th>
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<tbody>
<tr>
<td>6</td>
<td>680/453</td>
<td>Sinclair 3D</td>
<td>B</td>
<td>8</td>
<td>64</td>
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<td>680/522</td>
<td>Texas 23s</td>
<td>S</td>
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<td>£7.75</td>
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<td>Casio 125</td>
<td>S</td>
<td>10</td>
<td>123</td>
<td>Hard Virtual Blue</td>
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<td>Telet Df</td>
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<td>10</td>
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<td>Sharp 34d</td>
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<td>10</td>
<td>54</td>
<td>Wallet Bubble Blue</td>
<td>£11.50</td>
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<td></td>
</tr>
</tbody>
</table>

What is the price of the calculator that has 10 digits, a virtual memory and a blue case?

A £11.50  
B £9.99  
C £9.25  
D £7.75

How many houses were sold in the four weeks in July 2001?

A 32
B 33
C 34
D 35

8. The label on a large bottle of juice states ‘dilute 1 part juice to 4 parts water’.

How much water must be added to 2 litres of juice?

A 0.2 litres
B 1.8 litres
C 8 litres
D 10 litres
9. This recipe is for 2 fruit scones.

100g flour
1 egg
50ml milk
25g currants

How much flour is needed to make 3 of these fruit scones?

A  15g  
B  150g  
C  200g  
D  300g

10. A lift travels from the first floor to the sixth floor. The distance between each floor is 3.5m.

How far does the lift travel?

A  35m  
B  21m  
C  17.5m  
D  6m

11. There are six people in the lift. Their weights are

87.6kg; 91.3kg; 47.3kg; 62.3kg; 52.7kg; 84.2kg.

What is their total weight?

A  4.254kg  
B  42.54kg  
C  425.4kg  
D  4 254.0kg
12. This is part of the train timetable from Bristol to London.

<table>
<thead>
<tr>
<th></th>
<th>Bristol</th>
<th>Bath</th>
<th>Chippenham</th>
<th>Swindon</th>
<th>Didcot</th>
<th>Reading</th>
<th>Slough</th>
<th>London</th>
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<td>0956</td>
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A person needs to arrive in London by 7:45 in the morning.

What is the time of the latest train from Bristol she can catch?

A 0540  
B 0606  
C 0645  
D 0815  

Questions 13 to 15 are about building

13. A builder lays a square patio. He uses a scale drawing with sides of 10cm.

The scale of the drawing is 2cm to 1m

What is the actual length of one side of the patio?

A 2m  
B 2.5m  
C 5m  
D 10m
14. The builder lays a path in the garden. He uses square slabs 55cm by 55cm. The path is 2 slabs wide and 11m long.

How many slabs does the builder lay?

A  10
B  20
C  40
D  55

15. Another area is paved for a barbecue.

![Diagram of paved area for the barbecue]

The area paved for the barbecue is

A  3.1m$^2$
B  3.15m$^2$
C  3.6m$^2$
D  7.2m$^2$

16. A shoe shop had 44 customers in one hour. Of these 11 were men.

What percentage of the customers were men?

A  4%
B  20%
C  25%
D  44%
17. The table shows the entry prices for a theme park.

| Family Ticket (2 adults & 2 children) | £38.00 |
| Adult (10 years and over)             | £11.50 |
| Children (3-9 years)                  | £10.50 |
| Senior Citizens                       | £7.50  |
| Groups (Minimum number 20)            | £9.75  |

A group of seven teenagers and one 9 year old visit the theme park.

Which of these gives their total entry cost?

A £9.75 x 8  
B £9.75 x 7 + £10.50  
C £10.50 x 7 + £11.50  
D £11.50 x 7 + £10.50

18. The queuing time for a ride is 50 minutes. The clock shows the time when the group joins the queue.

What time should their ride start?

A 2:55pm  
B 3:05pm  
C 3:15pm  
D 3:20pm
19. The table shows the number of people at different showings of a film.

<table>
<thead>
<tr>
<th>2:30pm</th>
<th>4:30pm</th>
<th>7:00pm</th>
<th>9:30pm</th>
</tr>
</thead>
<tbody>
<tr>
<td>150</td>
<td>300</td>
<td>225</td>
<td>250</td>
</tr>
</tbody>
</table>

One hundred of those at the 9:30pm showing are under 18.

What fraction is this of the people at that showing?

A \( \frac{1}{3} \)
B \( \frac{2}{5} \)
C \( \frac{3}{5} \)
D \( \frac{2}{3} \)

20. The table shows the number of people at different showings of a film.

The cinema manager expects 40% of people at the 4:30pm showing to buy a bag of popcorn.

How many bags of popcorn is this?

A 40
B 80
C 120
D 150
21. Petrol costs 75.9p per litre. A driver buys 10 litres.

Which of these correctly shows what he has to pay?

A £75.90
B 7 590p
C £7.59p
D £7.59

22. The driver travels 180 miles and uses 31 litres of petrol.

Which of these calculations shows how many miles the car travels on 1 litre, on average?

A 31 x 180
B 31 ÷ 180
C 180 x 31
D 180 ÷ 31

23. A student uses a calculator to work out 6 000 ÷ 23. This is what the calculator shows:

What is the answer rounded to the nearest whole number?

A 300
B 261
C 260.8
D 260
Questions 24 and 25 are about a student preparing for a driving test exam

24. An exam starts at 1430. The student leaves home at 1245.

   How many minutes before the exam is this?

   A  90
   B  105
   C  165
   D  185

25. The student sits the driving test written paper and answers 60 questions in thirty minutes.

   How long does each question take her, on average (mean)?

   A  2 seconds
   B  3 seconds
   C  20 seconds
   D  30 seconds

26. A one litre bottle of milk could also be correctly labelled

   A  10ml
   B  100ml
   C  1000ml
   D  10000ml

27. In a pub, 75% of the people bought raffle tickets.

   What fraction did not buy any?

   A  \( \frac{1}{4} \)
   B  \( \frac{1}{5} \)
   C  \( \frac{1}{2} \)
   D  \( \frac{3}{4} \)
28. According to the diagram, the distance on the ground from A to B is approximately

A 3.0 miles  
B 3.5 miles  
C 4.0 miles  
D 4.5 miles

29. In five days an estate agent sold 20 houses.

How many houses did she sell per day, on average (mean)?

A 3  
B 4  
C 5  
D 6
30. A student makes a tally of people entering a shop over a period of three hours. This is what he recorded:

1st hour   llll  llll  llll  llll  l
2nd hour   llll  llll  llll  llll  llll  llll  ll
3rd hour   llll  llll  llll  llll  llll  lll  lll

He then made this rough chart:

He should label the X-axis

A  Hour
B  Key
C  Number of shops
D  Number of people

31. A club got 150 people to buy £10 tickets for their charity event.

How much money did the club raise from selling the tickets?

A  £15
B  £150
C  £1 500
D  £15 000
32. A pizza van makes 50 deliveries, which is a total of 200 miles.

How many miles, on average (mean), is each delivery?

A  2 miles  
B  4 miles  
C  8 miles  
D  16 miles

33. A pizza shop owner calculated that each home delivery took, on average, 15 minutes.

How long would it take to make 10 deliveries?

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

34. You buy a 1-litre bottle of squash. The label says dilute 1 part squash : 5 parts water.

How much diluted drink would half a bottle of squash make?

A  2.5 litre  
B  3.0 litres  
C  5.0 litres  
D  6.0 litres
35. A man wants to buy a new TV costing £479 and uses his calculator to work out how much he will have to pay per month for 24 months. The calculator display shows:

```
 1 9 . 9 5 8 3 3 3
```

How much will he need to pay per month to the nearest pound?

- A £20.00
- B £19.96
- C £19.95
- D £19.00

36. A recipe is for 24 jam tarts but you want to make just three-quarters of that amount.

How many tarts will you make?

- A 12
- B 14
- C 18
- D 20
37. What is the average (mean) age of these children?

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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<th></th>
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</thead>
<tbody>
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<td>6.5 years</td>
<td>4.5 years</td>
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<td>Abdul</td>
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<td></td>
</tr>
<tr>
<td>4.0 years</td>
<td>3.0 years</td>
<td></td>
</tr>
</tbody>
</table>

A 3.5 years  
B 4.5 years  
C 5.5 years  
D 6.5 years

38. Look at the map and scale.

The approximate distance from the station to the church by road, is

A 1.2km  
B 1.4km  
C 1.6km  
D 1.8km
39. A woman worked, without a break, from 1:15pm until 3:45pm.

   Altogether, this was a period of

   A  2 hours
   B  2 hours 15 minutes
   C  2 hours 30 minutes
   D  2 hours 45 minutes

40. A driver measures the petrol used by his car over a few days. The results are as follows:

   The average (mean) consumption per day is

   A  3 litres
   B  4 litres
   C  5 litres
   D  6 litres

End of test