Functional Skills

Level 1

**Topic – Percentages**

1 A post office deals with 800 customers in a day.

 70% of these buy stomps.

 How many customers buy stamps?

A 114

B 240

C 560

D 600

2 The cost of a haircut and shave is normally £15. There is a 2O% reduction for senior citizens.

 How much does a haircut and shave cost a senior citizen?

A £3

B £5

C £12

D £13

3 A swimming club records show that three fifths of members are over 25 years of age.

 Three fifths as a percentage is

A 30%

B 35%

C 40%

D 60%

4 A shop usually sells a bottle of bath gel for €2.60

 The shop has a special offer on bath gel.

**Special Offer**

Bath Gel

20% DISCOUNT

 How much is the discount on a bottle of bath gel?

A 13p

B 20p

C 26p

D 52p

5 One-fifth of the workers in a survey use the bus or walk to work.

 One-fifth is

A 5%

B 15%

C 20%

D 50%

6 A theatre box office does not sell  of the tickets for one concert.

 What percentage of the tickets is this?

A 33%

B 30%

C 7%

D 3%

7 From a particular machine, Chocolate used to cost 72p a cup.

 Prices went up by 25%.

 How much does a cup of chocolate cost after the prices went up?

A 18p

B 47p

C 9Op

D 97p

8 There are 60 children in the ploy area of a school.

 40% of the children are boys.

 How many boys are in the play area?

A 12

B 15

C 24

D 40

9 A supermarket sells cartons of assorted fudges.

 here is plain and rum ‘n’ raisin fudge in the carton.

  are rum ‘n’ raisin flavour.

  is the same as

A 10%

B 20%

C 25%

D 40%

10 The newsagent receives of the magazine’s selling price.

  is the same as

A 20%

B 5%

C 4%

D 2%

11 The population of a large town was 500 604 in 1981.

 Fifteen years later the population was down by about five per cent.

 5% of 500 604 is approximately

A 2 500

B 5 000

C 25 000

D 10 0000

12 A couple are refitting the bathroom. The shower needs replacing.

 One shop has a special offer.

25% OFF SHOWERS

*TODAY*

 The shower normally costs £112

 What is 25% of £112?

A £22.32

B £25.00

C £28.00

D £37.00

13 A pet shop keeps a record of customers.

 On one day the shop had 50 customers.

 20 of these customers bought fish.

 What percentage of the customers bought fish?

A 20%

B 40%

C 50%

D 60%

14 This is the price sticker on a car.

**£8 500**

**Buy today**

**Only 20% deposit**

 How much is 20% of £8 500?

A £170

B £850

C £1700

D £2000

15 In the first year the car loses just under a quarter of its original value.

 What is a quarter as a percentage?

A 4%

B 20%

C 25%

D 40%

16 A woman is looking at her household bills throughout the year.

 The total cost of electricity and supply for the fourth period is £120.

 The electricity company adds VAT to this total at a rate of 5%

 What is 5% of £120?

A £5

B £6

C £12

D £24

17 A customer at a travel agent’s books a holiday costing £1 400

 He pays a 10% deposit.

 What is 10% of £1400?

A £10

B £14

C £100

D £140

ONLY

***£4 995***

18 The price of a second hand car is £4 995

A man buys this car.

He pays a deposit of 10% of the price of the car.

How much deposit does he pay?

A £495.00

B £499.00

C £499.05

D £499.50

19 The man buys the car for £4995

 He pays for it over 2 years.

 The total amount he pays, including interest, is £6 915

 How much interest does he pay?

A £1 910

B £1 920

C £2 020

D £2 080

20 On a particular day trip  of the people buy theatre tickets.

 What is as a percentage?

A 6%

B 30%

C 35%

D 60%

21 The full cost of one theatre ticket is £32

 The theatre gives a discount of 15% on each ticket.

 Which calculation gives the discount on one ticket?

A 

B 

C 

D 

22 It usually costs £240 to join a leisure club.

|  |
| --- |
| **SPECIAL OFFER****Join this month and get****25% off joining fee** |

 A man joins the leisure club this month.

 How much does he pay?

A £75

B £180

C £192

D £215

23 Engine oil costs £8.80 for a 5-litre bottle.

 A garage offers 20% discount.

 How much is the discount?

A £0.44

B £0.88

C £1.76

D £2.00

24 All stock in the shoe department of a store has 25% off.

 What is 25% as a fraction?

A 

B 

C 

D 

25 A woman is buying DIY materials. New paint and brushes cost £16.80

 She has a 5% discount voucher.

 What is 5% of £16.80?

A £0.84

B £1.68

C £3.36

D £5.00