Consumer arithmetic

Name: _____

All Multiple Choice

1 Jake's annual salary is $38 670. His fortnightly pay is:
- A $1760.50
- B $743.65
- C $989.55
- D $1487.31

2 Which of the following is the highest annual salary?
- A $530 per week
- B $1075 per fortnight
- C $2330 per month
- D $27 900 per annum

3 Janet's annual salary is $26 240. Her weekly pay is:
- A $743.65
- B $1009.23
- C $671.28
- D $504.62

4 Billy charges $8.50 per hour to babysit. If he babysits 12 hours in one week, he will earn:
- A $51.00
- B $102.00
- C $98.00
- D $96.00

5 Peter earns $6.25 per hour. How many hours will it take him to earn $85?
- A 12
- B 13
- C 14
- D 15

6 Kate receives a normal rate of pay of $12.60 per hour. When Kate works on Saturday she is paid time-and-a-half. What is Kate's hourly rate on Saturday?
- A $6.30
- B $18.90
- C $25.20
- D $31.80

7 If an hourly pay rate is $8.96, $4\frac{1}{2}$ hours' overtime paid at time-and-a-half will be:
- A $60.48
- B $13.44
- C $51.45
- D $40.32

8 Iona works two hours every day of the week. Her hourly rate is $12.76, and she is paid time-and-a-half on Saturday and double-time on Sunday. How much does she earn in a week?
- A $216.92
- B $197.78
- C $127.60
- D $178.64

9 James has a job delivering pamphlets to letterboxes. He is paid $11.45 per 1000 pamphlets. If James delivers 3200 pamphlets he is paid:
- A $34.35
- B $36.64
- C $34 350
- D $36 640

10 Domonic is a car detailer who is paid $22.75 for the first 50 cars detailed each week and $28.25 for any cars detailed thereafter. Calculate what Domonic will earn in a week where he details 61cars.
A $1387.75
B $1448.25
C $1723.25
D $2860.75

11 Norbert is a writer who is paid a royalty of 12.5% on the gross sales of his book. Norbert's royalties on book sales totalling $25 000 will be:
A $1250
B $2500
C $3125
D $3750

12 Using the information in question **11**, the value of book sales that would be needed for Norbert to receive $6000 in royalties is:
A $750
B $48 000
C $60 000
D $72 000

13 Bernice is paid a retainer of $280 per week and receives a commission of 2.5% of all sales above $10 000 each week. In a week where Bernice's sales total $15 000, her earnings will be:
A $125
B $375
C $405
D $655

14 A real estate agent is paid 1.5% commission on all properties he sells.

If he sells two properties in a month for $135 500 and $176 250, how much does he earn in the month?
A $2032.50
B $4676.25
C $3548.20
D $3950.00

15 Andrew works on a road crew and is paid $10.96 per hour. In wet weather Andrew is paid a loading of 90c per hour. Andrew's wage in a week where he works 38 hours of which 12 are in wet weather is:
A $295.76
B $416.48
C $427.28
D $450.68

16 Kieran earns $12.40 per hour for a 40 hour working week. Kieran's total pay for his 4 weeks holiday including a 17.5% holiday loading is:
A $347.20
B $496.00
C $1984.00
D $2331.20

17 Jessica earns $1140 per week. Use the table on page 431 of the text to determine her net pay given that tax will be her only deduction.
A $293.80
B $846.20
C $1140.00
D $1433.80

18 Peter earns $680 per week. Use the table on page 431 of the text to determine the percentage of gross income that Peter pays in tax.
A 19.7%
B 19.8%
C 80.2%
D 80.3%

19 Susan borrowed $9500 at 8.5% p.a. interest. How much interest did Susan pay the first year?
A $902.50
B $1185.00
C $807.50
D $980.80

20 The simple interest earned on $5000 at 8% p.a. for 3 years is:
A $400
B $800
C $1200
D $6200

21 Yael borrowed $2 400 at 5.5% p.a. interest. How much interest did Yael pay in the first year?
A $86.00
B $132.00
C $189.00
D $240.00

22 Juan invests $2600 at 8.5% interest per annum. How much interest will Juan receive in the first year?
A $850
B $260
C $221
D $100

ANSWERS :

(1) D   (8) A   (15) C   (22) C

(2) C   (9) B   (16) D

(3) D   (10) B   (17) B

(4) B   (11) C   (18) B

(5) C   (12) B   (19) C

(6) B   (13) C   (20) C

(7) A   (14) B   (21) B