GMAT Fractions Practice Test 5

1. Which of the following fractions is greater than ¾ and less than ⅚?
A. ⅚
B. ¾
C. ½
D. ⅘

2. If 47. 2506 = 4*A + 7/B + 2*C + 5/D + 6*E, then the value of 5*A + 3*B + 6*C + D + 3*E is?
A. 253.6003
B. 153.6003
C. 353.6003
D. None of the above

3. ? % of 10.8 =32.4
A. 100
B. 400
C. 300
D. 600

4. ? / .0025 = 800
A. 1
B. 3
C. 2
D. 4

5. 0.001 / ? = 0.01
A. 0.1
B. 0.01
C. 0.001
D. 0.0001

6. The number 0.127 is how much greater than ⅛?
A. 1/550
B. 1/400
C. 1/1000
D. 1/500

7. When 0.232323…. is converted into a fraction, then the result is?

A. 24/29

B. 23/99

C. 25/99

D. 24/99

8. What decimal of an hour is a second?

A. 0.0025

B. 0.0028

C. 0.0027

D. 0.0021

9. How many digits will be there to the right of the decimal point in the product of 95.75 and 0.2554?

A. 8

B. 9

C. 7

D. 6

10. The price of commodity X increases by 40 paise every year, while the price of commodity Y increases by 15 paise every year. If in 2001, the price of commodity X was Rs. 4.20 and that of Y was Rs. 6.3?

A. 2011

B. 2012

C. 2013

D. 2014

Question 11

Rob spends $\frac{1}{2}$ of his monthly paycheck, after taxes, on rent. He spends $\frac{1}{3}$ on food

and $\frac{1}{8}$ on entertainment. If he donates the entire remainder, $500, to charity, what

is Rob's monthly income, after taxes?

Question 12

Are $\frac{\sqrt{3}}{2}$ and $\frac{2\sqrt{3}}{3}$ reciprocals?

Question 13

Estimate to the closest integer: What is $\dfrac{11}{30}$ of $\dfrac{6}{20}$ of 120?

Question 14

Express the following as fractions: 2.45   0.008

Question 15

Express the following as fractions: 420%   8%

Question 16

Express the following as decimals: $\dfrac{9}{2}$ $\dfrac{3,000}{10,000}$

Question 17

Express the following as decimals: $1\dfrac{27}{4}$ $12\dfrac{8}{3}$

Question 18

Express the following as percents: $\dfrac{1,000}{10}$ $\dfrac{25}{9}$

Question 19

Express the following as percents: 80.4   0.0007

Question 20

Order from least to greatest: $\dfrac{8}{18}$ 0.8   40%