UBA APTITUDE TEST QUESTIONS
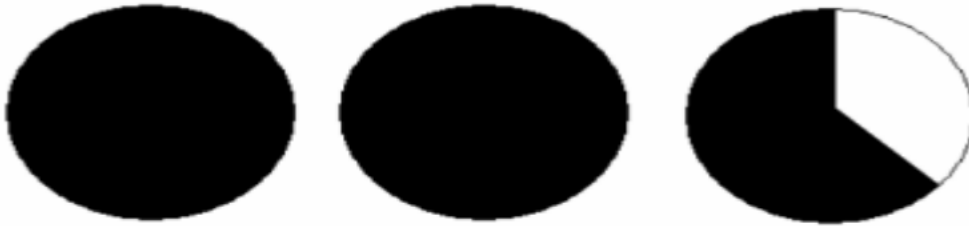
Numerical

1. What is the improper fraction represented by the following figure?

A. 2 1/3
B. 7/6
C. 2 5/8
D. 11/3
E. 11/9

2. Which of the following fractions most correctly depicts the shaded are of the circle below?

A. 3/8
B. 5/8
C. 3/4
D. 5/11
E. 1/2

3. Which of the following is not a fraction equivalent to 3/4?

A. 6/8
B. 9/12
C. 12/18
D. 21/28
E. 27/36

4. Solve: 0.25 + 0.65

A. 1/2

B. 9/10

C. 4/7

D. 2/9

E. 5/16

5. Which of the following statements is false?

A. In the fraction ½, one is the numerator.

B. When 4.89 is rounded to the ones place, the answer is 5.

C. Ten thousandths place is located 5 places to the right of the decimal

D. 7/6 is described as an improper fraction.

E. 331/3 % is equivalent to

6. Find the square of 25/9

A. 5/3

B. 3/5

C. 7 58/81

D. 15/2

E. 650/81

7. Sarah needs to make a cake and some cookies. The cake requires 3/8 cup of sugar and the cookies require 3/5 cup of sugar. Sarah has 15/16 cups of sugar. Does she have enough sugar, or how much more does she need?

A. She has enough sugar.

B. She needs 1/8 of a cup of sugar.

C. She needs 3/80 of a cup of sugar.

D. She needs 4/19 of a cup of sugar.

E. She needs 1/9 of a cup of sugar.

8. There are 8 ounces in a 1/2 pound. How many ounces are in 7 3/4 lbs?

A. 12 ounces

B. 86 ounces

C. 119 ounces

D. 124 ounces

E. 138 ounces

9. If the value of x and y in the following fraction are both tripled, how does the value of the fraction change? XZ Y

A. increases by half

B. decreases by half

C. triples

D. doubles

E. remains the same

10. Which of the following fractions is the equivalent of 0.5%

A. 1/20

B. 1/200

C. 1/2000

D. 1/5

E. 1/500

11. Which of these numbers is a factor of 21

A. 2

B. 5

C. 7

D. 42

E. 44

12. If the average person drinks 8, (8oz) glasses of water per day, a person who drinks 12.8 oz of water after a morning exercise session has consumed what fraction of the daily average?

A. 1/3

B. 1/5

C. 1/7

D. 1/9

E. 1/10

13. You need 4/5 cups of water for a recipe. You accidentally put 1/3 cups into the mixing bowl with the dry ingredients. How much more water in cups do you need to add?

A. 1/3 cups

B. 2/3 cups

C. 1/15 cups

D. 7/15 cups

E. 7/16 cups

14. ¾ - ½ =

A. ¼

B. 1/3

C. ½

D. 2/3

E. 2/5

15. 7 1/2 - 5 3/8 =

A. 1 1/2

B. 1 2/3

C. 2 1/8

D. 3 1/4

E. 3

Answer Key

1. C

2. B

3. C

4. B

5. C

6. C

7. C

8. D

9. E

10. B

11. C

12. B

13. D

14. A

15. C

NUMERICAL CONTINUED

1. 0.12/1

2. Convert. 1230.932567 to nearest hundredth

3. Principal 4000, rate 6%, time 5years, calculate simple interest

4. Diameter of a circle is 8,calculate circumference of the circle

5. 144,72,36,18,9 state if it's descending or ascending AP or GP

6. simplify 45 x 10^3. (A. 450. B.4500. C. 45000 D 0.45)

7) simplify 10^-5

8) Which of these is the equivalent of 0.5%

(A 1/20. B 1/200. C 1/2000. D 1/500)

9). (9/3) x (8/4)=

(A 4. B 6. C 3. D 5)

10) Which of this is a factor of 21

(A 5. B 7. C 42. D 44)

10) Whats is the absolute value of - 9

(A 9. B 0. C - 1. D)

11) 6.334 X 10⁴ =

Ans 63340

12) There are 12 more apples than oranges in a basket of 36 apples and oranges how many apples are in the basket

(A. 12. B. 15. C. 24. D. 28)

13) Art realized that he had 2 more quarters than he had originally thought in his pocket. If all of the change in his pocket is quarters and it totals to $8.75 how many quarters did he originally think were in his pocket

A. 27. B. 29. C. 31. D .33

15) What's the value of 41%

(A 0.41. B 0.04. C 410. D 0.0041)

16) change 100.7°F to °C,

17) 4/5 - 1/3

18) 3/4 - 1/2

19) if y=3, $y^3(y^3-y)=?$

Synonyms and Antonyms

1. Plenary

2. Accelerate

3. Liaison

4. Ignominy

5. Homogeneous

6. Deliberate

7. Emend

8. Engender

9. Naive

10. Liven

11. Corroborate

12. Vacant

13. Mitigate

14. Incite

15. Adjacent

16. extended

17. Purified

18. Carl & frank

19. Disinterested

20. Initiate

21. Spiteful

22. Sparkling

23. Nepotism

24. Decelerate

25. Indolence

26. Accumulate

Antonyms

Rubicund

Potent

Synonyms

Nascent

Humble

These Questions have been tested in previous exams they might show up in yours if you are lucky..   Also Expect Comprehension Questions, Critical reasoning and other basic Arithmetics

Success Guys!!!!!!!!!!!!!