# Questions based on menstruation

1• The area of a rectangle is calculated by multiplying:
(a) Length × Width
(b) Length × Height
(c) Height × Width
(d) Length × Length

2• What is the perimeter of a rectangle with length 10 cm and width 5 cm?
a) 30 cm (b) 26 cm (c) 40 cm
(d) 24 cm

3• The area of a square is given by:
(a) Side × Side (b) Length ÷ Width  (c) Base × Height
(d) 2 × Side

4• What is the perimeter of a square with side length 6 cm?
a) 18 cm
b) 24 cm
c) 12 cm
d) 36 cm

5• A triangle has a base of 12 cm and height of 6 cm. What is its area?
a) 72 cm²
b) 36 cm²
c) 18 cm²
d) 24 cm²

6• What is the formula for the area of a triangle?
a) Base × Height
b) (Base × Height) ÷ 2
c) Side × Side
d) 2 × Side × Height

7• The area of a parallelogram is calculated by multiplying:
a) Base × Height
b) Length × Width
c) Side × Side
d) Height × Width

8• The volume of a cuboid is calculated by:
a) Length × Width × Height
b) Length + Width + Height
c) 2 × (Length × Width + Length × Height + Width × Height)
d) Length × Width

9• A cube has a side of 5 cm. What is its volume?
a) 15 cm³
b) 25 cm³
c) 125 cm³
d) 50 cm³

10• What is the perimeter of a triangle with sides of 6 cm, 8 cm, and 10 cm?
a) 20 cm
b) 24 cm
c) 18 cm
d) 22 cm

11• A rectangle has a length of 14 cm and a width of 4 cm. What is its area?
a) 56 cm²
b) 28 cm²
c) 40 cm²
d) 24 cm²

12• The area of a parallelogram with a base of 10 cm and height of 5 cm is:
a) 50 cm²
b) 40 cm²
c) 20 cm²
d) 25 cm²

13• What is the volume of a cuboid with dimensions 4 cm × 5 cm × 6 cm?
a) 120 cm³
b) 60 cm³
c) 100 cm³
d) 80 cm³

1• The area of a rhombus with diagonals 8 cm and 6 cm is:
a) 24 cm²
b) 48 cm²
c) 28 cm²
d) 18 cm²

15 • What is the perimeter of a square whose side is 9 cm?
a) 36 cm
b) 18 cm
c) 45 cm
d) 27 cm

# Questions based on Integers

16. If the sum of two integers is -26 and one of them is 14 then the other integer is

(a) -12.  (b) 12  (c) -40 (d) 40

17.86+(-28)+12+(-34) is equal to

(a) -36.  (b) 40 (c) 36 (d) -40

18. (-12)X(-9)-6X(-8) is equal to

(a) 156.  (b) 60 (c) -156 (d) -60

19. -36-40+43-(-29)+18-(-74) is equal to

(a) 88(b) -88  (c) -40 (d) 40

20. The sum of two integers is 84, if one of the integers is 44 then the other integer is

(a) -12.  (b) 12  (c) -40 (d) 40

21. On a particular day the temperature of Delhi is 10 a.m. was 13 degree Celsius but by the midnight, it fell down to 6 degree Celsius .The temperature of Chennai at 10:00 a.m. the same day was 18 degree Celsius but fell down to 10 degree Celsius by the midnight . Which fall is greater.

(a) 7°C  (b) 12 °C (c) 8°C (d) 40°C.

# Questions based on  Fractions

Q22. Which of the following is the correct statement about fractions?

   (a) (a) Fraction means one whole group.

   (b) (b) Fraction means a part of a group

   (c) (c ) Fraction is made only from prime numbers

   (d) (d)All statements are correct


Q23. What is the numerator of 3/7?
1.      (a) 7.   (b)1/7 (c) 3.  (d)1/3

Q3. The equivalent fraction of 15/20 with denominator 80 is.

1.      (a) 60/80 (b) 65/80 (c ) 70/80

2.      (d)30/80

Q24. Rohit exercised for 3/6 of an hour, while Manu exercised for 3/4 of an hour. Who exercised for a longer time?

1.    (a) Rohit (b)Manu

2.    (c ) Both of them exercised for the same duration

3.    (d)None of these

Q25. Which of the following is the correct definition of Like Fractions?

1.    (a) Fractions that do not have the same denominator.

2.    (b) Fractions that have the same denominator.

3.    (c ) Fractions that have the same numerator.

4.    (d) None of them.

5.    26. Aarushi was given 5/7 of a basket of oranges. What fraction of oranges was left in the basket?

   (e)  7.  (b)2/7 (c) 3.  (d)1/3

27.  Which of the following is an improper fraction?        (a) 3/5 (b) 7/4 (c) 5/6 (d) 2/7

28.  What is the simplest form of the fraction 16/24?
(a) 4/6 (b) 8/12 (c) 2/3 (d) 3/4

29.  Which of the following is a mixed fraction?
(a) 7/3  (b) 2/5 (c) 1 ½ (d) 5/4

4•  2/3 of 12 is:
(a) 6(b) 8  (c) 10.  (d) 4

30.  Convert 3 1/4 to an improper fraction:
(a) 13/4  (b) 7/4 (c) 9/4 (d) 12/431. Which of the following fractions is equivalent to 3/4?
(a) 6/8 (b) 9/12 (c) 12/16
(d) All of the above.            31 . The value of 1/2 + 1/4 is:
(a) 1/6 (b) 1/8 (c) ¾ (d) 2/4

32. Subtract: 7/8 - 3/8 = ?
(a) 4/8 (b) 5/8 (c) 3/8 (d) 7/8

33. The fraction that represents 0.75 is:
(a) ¾ (b) 2/3 (c) ¼ (d) 4/5

(34) What is the reciprocal of 5/8?
(a) 8/5(b) 8/3 (c) 5/3 (d) 1/5

35. Multiply: $3/5 \times 2/3 = ?$
(a) 5/9 (b) 6/15 (c) 2/5 (d) 3/8

36. Divide: $4/5 \div 2 = ?$        (a) 4/10 (b) 4/7 (c) 4/9 (d) 4/8

37. Which of the following is a proper fraction?
(a) 7/9 (b) 11/10(c) 8/5(d) 5/4

38. If 1/2 of a number is 6, the number is:
(a) 12 (b) 10 (c) 14 (d) 15

39. Which of the following is greater than 1/2?
(a) 1/3 (b) ¼ (c) ¾ (d)2/5.

# Questions based on Decimals

40. What is the decimal representation of 3/4?
(a) 0.34(b) 0.75(c) 0.45 (d) 1.25

41. Convert 2.5 into a fraction:
(a) 3/2 (b) 5/2 (c) 7/2 (d) 1/2

42. Which of the following is the greatest?
(a) 0.5 (b) 0.25 (c) 0.75 (d) 0.125

43. What is $0.6 + 0.45$?
(a) 1.05 (b) 0.95 (c) 1.15 (d) 1.25

44.Convert 0.125 into a fraction:
(a) ½ (b) ¼ (c) 1/8 (d) 1/10

45. Subtract: 5.6 - 2.3 = ?
(a) 3.3 (b) 2.3 (c) 3.9 (d) 3.1

46. What is the decimal form of 1/8?
(a) 0.5 (b) 0.125 (c) 0.25
(d) 0.375

47. Multiply: $0.7 \times 0.5 = $ ?
(a) 0.35 (b) 0.25 (c) 0.12
(d) 0.55

48. Which of the following is the smallest?
(a) 0.45 (b) 0.054 (c) 0.504
(d) 0.5

49.What is the place value of 7 in the number 23.678?
(a) Tenths (b)Hundredths(c) Thousandths
(d) Units

50. Convert 2.75 meters into centimeters:
(a) 275 cm(b) 25.75 cm (c) 250 cm (d) 27.5 cm