

Without looking at your phone! Determine when the next Lundi Gras will be by using the information below.

Ash Wednesday is 40 days before Easter not counting Sundays. Easter is the first Sunday after the first full moon after the vernal equinox. The vernal equinox is always on March 21st.

2015 Calendar with Holidays

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(CHANDIGARH REGION)

ORIENTATION COURSE ON CONTENT ENRICHMENT FOR TGT MATHS

W.E.F. 12th JULY 2010 TO 21st JULY 2010

MULTIPLE CHOICE QUESTIONS

CLASS VII

TOPIC : INTEGERS

TIME: 30 MINUTES

TOTAL QUESTIONS = 40

Q1. In addition and subtraction of two integers , sign of the answer depends upon

- (a) Smaller number (b) Their difference (c) Their sum (d) Greater numerical value

Q2. Sum of two negative number is always

- (a) Positive (b) Negative (c) 0 (d) 1

Q3. Sum of two Positive number is always

- (a) Negative (b) Positive (c) 1 (d) 0

Q4. Sum of - 36 and 29 is

- (a) - 65 (b) 65 (c) -7 (d) 7

Q5. Sum of -19 and - 21 is

- (a) - 40 (b) 40 (c) 2 (d) -2

Q6. Which of the following statement is false:

- (a) $-7 + (-6) = -13$ (b) $-5 + 1 = 4$ (c) $2 + (-1) = 1$ (d) $8 + (-9) = -1$

Q7. The pair of integers whose sum is - 5

- (a) 1, - 4 (b) -1, 6 (c) -3, -2 (d) 5, 0

Q8. What integers or number should be added to - 5 to get 4

- (a) 1 (b) -1 (c) -9 (d) 9

Q9 . What will be the additive inverse of - 5

- (a) - 6 (b) -4 (c) 3 (d) 5

Q10. What will be the additive inverse of 7

- (a) -7 (b) -6 (c) -5 (d) -4

Q11. Predecessor of -9 is

- (a) -8 (b) 8 (c) -10 (d) 10

Q12. Successor of -1 is

- (a) -2 (b) 0 (c) 1 (d) 2

Q13. The value of $6 - (-3)$ is

- (a) 3 (b) -9 (c) -3 (d) 9

Q14. The value of $26 - 30$ is equal to

- (a) 4 (b) -4 (c) -56 (d) 56

Q15. Which of the following statement is true

- (a) $7 - 4 = 4 - 7$ (b) $7 - 4 > 4 - 7$ (c) $7 - 4 < 4 - 7$ (d) $7 - 4 = -3$

Q16. Choose appropriate number for blank: $-7 - (\underline{\quad}) = 2$

- (a) 5 (b) -5 (c) 9 (d) -9

Q17. Multiplication of 3 and -4

- (a) -7 (b) 12 (c) -12 (d) 7

Q18. Multiplication of -2, -7 and -10 gives

- (a) -34 (b) 19 (c) -140 (d) 90

Q19. Multiplication of 2, -5 and 0 gives

- (a) 10 (b) 0 (c) -10 (d) 7

Q20. Identify the property used in the following: $2 \times 13 + 8 \times 13 = (2+8) \times 13$

- (a) Commutative (b) Closure (c) Associative (d) Distributive

Q21. Which number is multiplicative identity for the whole numbers

- (a) 0 (b) 1 (c) 2 (d) 3

Q22. What will be multiplicative inverse of -8

- (a) 8 (b) $\frac{1}{8}$ (c) $-\frac{1}{8}$ (d) 0

Q23. Which property is reflected in the following: $7 \times 5 = 5 \times 7$

- (a) Closure (b) Commutative (c) Associative (d) Distributive

Q24. $-18 \div 2$ gives

- (a) 36 (b) 9 (c) -9 (d) -16

Q25. $-6 \div (-3)$ gives

- (a) -9 (b) 2 (c) -2 (d) 3

Q26. 15 divided by -3 is equal to

- (a) 12 (b) -12 (c) -5 (d) 5

Q27. $0 \div 10$ gives

- (a) 0 (b) 10 (c) 1 (d) -10

Q28. Which of the following is not true

- (a) $0 \div 2 = 0$ (b) $-25 \div 5 = -5$ (c) $12 \div 0 = 12$ (d) $4 \div 1 = 4$

Q29. Which of the following is true

- (a) $5 \div 7 = 7 \div 5$ (b) $0 \div 3 = 0 \div 5$ (c) $2 \div (3-1) = 2 \div 3 - 2 \div 1$ (d) $4 \div 1 = 1 \div 4$

Q30. Which of the following does not represent pair of integer (a, b) such that $a \div b = 2$

- (a) (-6, -3) (b) (-2, 1) (c) (-10, -5) (d) (8, 4)

Q31. On dividing a negative integers by other negative integer the quotient will be

- (a) Always negative (b) Always positive (c) Either positive or negative (d) 1

Q32. Which of the following statement is true

- (a) $7 \div 0 = 7$ (b) $7 \div 0 = 0$ (c) $7 \div 0 = 0 \div 7$ (d) $0 \div 7 = 0$

Q33. Product of two negative integers is always

- (a) Always negative (b) Always positive (c) Either positive or negative (d) 0

Q34. The integer whose product with -1 is -40 is

- (a) 20 (b) -20 (c) -40 (d) 40

Q35. Absolute value of -11 is

- (a) -10 (b) 10 (c) 11 (d) 0

Q36. $-8 \times 10 \times 9$ is equal to

- (a) 27 (b) -27 (c) -720 (d) 720

Q37. $16 \times 10 + 2$ is equal to

- (a) 162 (b) 192 (c) 52 (d) 320

Q38. $-16 \times (-1)$ is equal to

Q39. $125 \div (-25)$ is equal to

Q40. $(-50) \div \underline{\hspace{2cm}} = -1$, number in the blank will be

TOPIC: FRACTIONS AND DECIMALS

TIME: 30 MINUTES

TOTAL QUESTIONS=40

1. Which of the following fraction has numerator 5

a) $\frac{2}{5}$

b) $\frac{5}{7}$

(c) $1\frac{5}{7}$

(d) $7\frac{1}{5}$

2. Which of the following fraction has denominator 8.

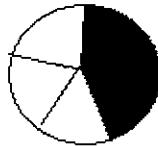
a) $\frac{8}{3}$

b) $1\frac{3}{8}$

(c) $1\frac{8}{3}$

(d) $\frac{3}{8}$

3. What fraction does the shaded portion in the adjoining fig. represents.



a) $\frac{5}{2}$

b) $\frac{3}{5}$

(c) $\frac{2}{5}$

(d) $\frac{5}{3}$

4. Which one of the following is proper fraction?

a) $\frac{7}{5}$

b) $\frac{3}{2}$

(c) $\frac{4}{7}$

(d) $\frac{4}{3}$

5. Which one of the following is improper fraction?

a) $\frac{2}{3}$

b) $\frac{5}{7}$

(c) $\frac{7}{4}$

(d) $\frac{1}{2}$

6. What is the value of $\frac{2}{7} + \frac{3}{7}$

a) $\frac{5}{14}$

b) $\frac{5}{7}$

(c) $\frac{6}{7}$

(d) $\frac{35}{14}$

7. What is the value of $\frac{3}{5} + \frac{2}{7}$

a) $\frac{5}{12}$

b) $\frac{29}{35}$

(c) $\frac{31}{35}$

(d) $\frac{5}{35}$

8. What is the value of $\frac{2}{3} + \frac{1}{3} + \frac{7}{3}$

a) $\frac{10}{3}$

b) $\frac{10}{9}$

(c) $\frac{30}{3}$

(d) $\frac{10}{27}$

9. What is the value of $\frac{2}{3} + \frac{1}{3} + \frac{7}{3}$

a) $\frac{10}{3}$

b) $\frac{10}{9}$

c) $\frac{30}{3}$

d) $\frac{10}{27}$

10. What is the value of $\frac{5}{8} - \frac{3}{8}$

a) $\frac{37}{16}$

b) $\frac{1}{8}$

c) $\frac{2}{8}$

d) $\frac{43}{8}$

11. What is the value of $\frac{4}{5} - \frac{2}{3}$

a) $\frac{2}{2}$

b) $\frac{14}{15}$

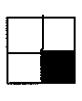
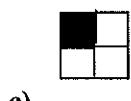
c) $\frac{2}{15}$

d) none of these

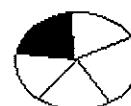
12. Which of the following drawing shows $2 \times \frac{1}{5}$



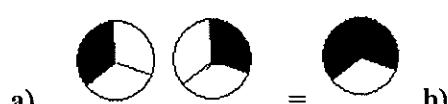
b)



d)



13. Which of the following drawing shows $3 \times \frac{3}{4} = 2\frac{1}{4}$



d) None of these

14. The value of $\frac{1}{2}$ of 24 is

a) 12

b) $\frac{1}{12}$

c) 48

d) $\frac{1}{48}$

15. The product of $\frac{1}{4} \times \frac{5}{3}$ gives

(a) $\frac{3}{20}$

(b) $\frac{5}{12}$

(c) $\frac{12}{5}$

(d) $\frac{20}{3}$

- 16.** Which of the following product gives the value $\frac{78}{5}$
- (a) $3 \times 5\frac{1}{5}$ (b) $\frac{1}{3} \times$ EMBED Equation.3 (c) $3 \times \frac{5}{26}$
 (d) None of these
- 17.** The product of $\frac{2}{5} \times 5\frac{1}{4}$ gives
- (a) $\frac{1}{2}$ (b) $\frac{21}{10}$ (c) $\frac{11}{10}$ (d) $\frac{15}{10}$
- 18.** The reciprocal of $1\frac{2}{3}$ is
- (a) $\frac{3}{2}$ (b) $1\frac{3}{2}$ (c) $\frac{5}{3}$ (d) $\frac{3}{5}$
- 19.** The value of $12 \div$ EMBED Equation.3
- (a) 16 (b) 1 (c) 9 (d) $\frac{1}{16}$
- 20.** The value of $3\frac{1}{2} \div$ EMBED Equation.3
- (a) 4 (b) $\frac{28}{3}$ (c) $\frac{9}{4}$ (d) $\frac{21}{16}$
- 21.** The value of $4\frac{1}{3} \div 3$ is
- (a) 4 (b) 13 (c) $\frac{13}{9}$ (d) $\frac{9}{13}$
- 22.** Which of the following is the least form of $\frac{18}{36}$
- (a) $\frac{3}{6}$ (b) $\frac{9}{18}$ (c) $\frac{1}{2}$ (d) $\frac{2}{1}$
- 23.** What is the sum of 5.300 and 3.250
- (a) 8.550 (b) 85.50 (c) 5.6250 (d) 8550
- 24.** What is the value of $29.35 - 04.56$
- (a) 23.75 (b) 16.35 (c) 16.25 (d) 24.79
- 25.** Which one of the following is greater
- (a) 5.0 (b) 0.5 (c) 0.005 (d) 0.05

26. Which one of the following is smaller

- (a) 2.031 (b) 2.301 (c) 0.2301 (d) 23.01

27. 7 Rupees 7 paisa can be written in rupees as

28. 5 cm in Km can be written as

- (a) 0.0005 (b) 0.00005 (c) 0.0005 (d) 0.05

29. The place value of 2 in 21.38 is

- (a) Ones (b) Tens (c) Tenth (d) Hundredth

30. Which one of the following represent the expansion

$$0 \times 10 + 0 \times 1 + 3 \times 3 = EMBED Equation.3 + 3 \times 3 = EMBED Equation.3$$

- (a) 20.03 (b) 2.03 (c) 200.03 (d) 2.034

31. The value of 2.71×5 is

- (a) 135.5 (b) 1355 (c) 13.55 (d) 1.355

32. The product of 153.7 and 10 is

- (a) 1.537 (b) 15.37 (c) 153.7 (d) 1537

33. The value of 43.07×10^9 is

- (a) 4.307 (b) 4307 (c) 43.07 (d) 430.7

34. The value of 0.03×10^{10} is

- (a) 0.00003 (b) 3 (c) 0.003 (d) 30

35. The value of 1.3×3.1 is

- (a) 403 (b) 0.403 (c) 4.03 (d) 0.0403

36. The value of $0.80 \div 5$ is

(a) 10

- The value of $52.5 \div 10$ is

635

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- ANSWER: 1000

- (A) 0.0200 (B) 0.1111 (C) 0.0001 (D) 0.0000

40. The value of $7.75 \div 0.25$ is

Topic: Fractions and decimals

ANSWER KEY