

Tender Heart High School, Sec: 33B

Class : VII

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Subject : Mathematics

Teacher: D. Gupta

Revision Questions (Half yearly Examination)

Very Short Answer (Q-1 to Q-11)

Quest 1: Write four consecutive integers preceding -46.

Quest 2: Divide: $3\frac{11}{15} \div 19\frac{3}{5}$

Quest 3: Find the product of $2.1 \times 0.11 \times 0.001$

Quest 4: Express $\frac{7}{8}$ as a decimal, upto 2 decimal places.

Quest 5: Subtract $-\frac{2}{9}$ from $\frac{8}{3}$

Quest 6: Evaluate: $\frac{7^5 \times 7^8 \times 7^0 \times 7^5}{7^6 \times 7^3 \times 7^4}$

Quest 7: Express in lowest form: 8 months: $1\frac{2}{3}$ years

Quest 8: What percent of a year is 7 months?

Quest 9: If 12% of a number is 360, find the number.

Quest 10: Write the literal and numerical coefficient of $-\frac{2}{3}x^3y^5$.

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Q11 to Q21 (Long questions)

Quest 11: a) Find the Supplement of $62^{\circ}56'$
b) 25% of an angle is the Complement of 50° .
Find the angle.

Quest 12: Add the given expressions:
 $a + 2b + 5c$; $2a - 5b + 7c$; $6a - 2b + 5c$; $-2a + 6c$

Quest 13: A man who spends 72% of his income is able to save ₹1400 per month. Find his (i) monthly income (ii) monthly expenses (iii) Savings whole year

Quest 14: If a man walks 16 km in 5 hours, how long would he take to walk 11.2 km?

Quest 15: Find the value of x ; $\frac{1}{9} : x :: \frac{1}{3} : \frac{1}{4}$

Quest 16: Riya weighed 63 kg. She reduced her weight in the ratio 9:8. Find her new weight

Quest 17: Simplify: $\frac{15^2 \times 35^3}{7^2 \times 5^4 \times 3^2}$

Teacher's Signature

Quest 18: Represent on the number line

(i) $-\frac{13}{6}$

(ii) $\frac{5}{9}$

Quest 19: The cost of 17 pencils is ₹ $59\frac{1}{2}$. Find the cost of each pencil

Quest 20: Simplify: $\left(\frac{6}{25} \times \frac{-15}{8}\right) - \left(\frac{13}{100} \times \frac{-25}{26}\right) + \frac{7}{8}$

Quest 21. a) Express as a recurring decimal: $\frac{17}{90}$

b) Divide $0.068 \div 0.17$

Q-22 to Q-25

Quest 22 (i) Simplify: $\frac{1.3 \times 2.4}{0.39}$

(ii) What is the difference between 28.95 and 6.4592

(iii) Solve: $2 + 0.896 - 6.583 + 2.813 - 18.935$

Quest 23: a) Evaluate: $\frac{7}{15} \text{ of } \left(\frac{2}{3} + \frac{7}{12}\right) \div \left(\frac{5}{6} - \frac{3}{5}\right)$

b) $1\frac{1}{2} \times \frac{23}{4} \div 1\frac{4}{7} \text{ of } \frac{25}{8}$

Quest 24: (i) Add the product of (-13) and (-17) to the quotient of (-187) and 11

(ii) The Successor of -351 is _____

(iii) Example of Additive identity _____

Quest 25: Draw a bar graph for the following information

Classes	I	II	III	IV	V	VI
no. of students	45	30	48	36	25	63

