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DPM CLASSES

6th to 10th (Math's & Science), 11th & 12th (Physics, Chemistry, Math's)

TEST - PAPER (CBSE/NCERT)

RATIONAL NUMBERS

SESSION -2024-25

CLASS - 7th

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Add: Block -B, Near Glory Villa, 60 feet Road (Nearest land mark Scindia Statue), Shatabdipuram, Gwalior

Time : 1 hr -: Rational Numbers :- ① mm:

Q. 1. List five rational numbers between:

(a) -1 and 0 (b) $-\frac{1}{2}$ and $\frac{2}{3}$

Q. 2. Give four rational numbers equivalent to:

(a) $\frac{-2}{7}$ (b) $\frac{4}{9}$

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Q. 3. Draw the number line and represent the following rational numbers on it:

(a) $\frac{3}{4}$ (b) $\frac{-7}{4}$

Q. 4. Rewrite the following rational numbers in the simplest form.

(a) $\frac{-44}{72}$ (b) $\frac{-8}{10}$

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Q. 5. Write the following rational numbers in ascending order -

(a) $-\frac{1}{3}, -\frac{2}{9}, -\frac{4}{3}$ (b) $\frac{-3}{5}, \frac{-2}{5}, \frac{-1}{5}$

Q.6. Find the Sum:

(a) $\frac{-3}{-11} + \frac{5}{9}$ (b) $-2\frac{1}{3} + 4\frac{3}{5}$

Q.7. Find:

(a) $\frac{-3}{8} - \frac{7}{11}$ (b) $-2\frac{1}{9} - 6$

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Q.8. Find the product:

(a) $\frac{3}{7} \times \left(\frac{-2}{5}\right)$ (b) $\frac{3}{-5} \times \frac{-5}{3}$

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Q.9. Find the value of:

(a) $\frac{-1}{8} \div \frac{3}{4}$ (b) $\frac{-7}{12} \div \left(\frac{-2}{13}\right)$

Q.10. Which is greater in each of the following:

(a) $\frac{-1}{4}, \frac{1}{4}$ (b) $\frac{-3}{4}, \frac{2}{-3}$

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