

24.07.2019

EVERWIN VIDHYASHRAM

Marks: 20

STD: VII

TT - MATHEMATICS

Time: 40mins

I. Fill in the blanks:

1. -2 2. -2x 3. -2a 4. Like 5. No

II. Answer the following:

6.
$$\frac{4x^2 - 3x + 2}{7x^2 + 3x - 5}$$
$$\frac{11x^2 + 0x - 3}{}$$

7.
$$7p - 9q + 8 - 2p + 7q - 5$$
$$= 7p - 2p + 9q - 7q + 8 - 5$$
$$= 5p + 2q + 3$$

8.
$$\frac{mn + 5}{mn + 3}$$
$$\frac{2mn + 8}{}$$

9.
$$= q(r - p) - p(q - r)$$
$$= qr - pq - pq + pr$$
$$= qr - 2pq + pr$$

10. Like terms: $-7x^2, 8x^2$ $5x, -12x$ $-4y, -9y$
Unlike terms: $4x^2y, -7x^2y$.