# OCR Output (Sorted): QNAM.pdf

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## Extracted Questions (Sorted by Number)

### 1. Q#: 1. (Pg: 1)

\(\sqrt{64009} = ?\)

Options:

- 803

- 423

- 253

- 323

Explanation: The square root of 64009 is 253. Therefore, the correct answer is (c) 253.

### 2. Q#: 2. (Pg: 1)

\(\sqrt{894916} = ?\)

Options:

- 856

- 920

- 880

- 768

Explanation: The square root of 894916 is 946. Therefore, the correct option is (c) 946

(Source: (बैंक पीओ परीक्षा, 2006))

### 3. Q#: 3. (Pg: 1)

\(\sqrt{9216} - \sqrt{12544} = ?\)

Options:

- 200

- 196

- 218

- 208

Explanation: √9216 = 96 and √12544 = 112. 96 - 112 = -16. None of the given options match. There might be an error in the question or options.

(Source: (बैंक पीओ परीक्षा, 2006))

### 4. Q#: 4. (Pg: 1)

\(\sqrt{8464} + \sqrt{102} = ?\)

Options:

- 100

- 225

- 400

- 625

Explanation: √8464 = 92 and √102 ≈ 10.099. 92 + 10.099 ≈ 102.099. None of the options are close to this value. There might be an error in the question or options.

### 5. Q#: 5. (Pg: 1)

\(\sqrt{2500} + \sqrt{961} = (?)^{2}\)

Options:

- 81

- 3

- 6561

- 9

Explanation: √2500 = 50 and √961 = 31. 50 + 31 = 81. Therefore, (81)^(1/2) = 9. The correct answer is (d) 9

### 6. Q#: 6. (Pg: 1)

\(\sqrt{11} + \sqrt{19} + \sqrt{29} + \sqrt{49} = ?\)

Options:

- 3

- 2

- 4

- 6

Explanation: √11 ≈ 3.31, √19 ≈ 4.35, √29 ≈ 5.38, √49 = 7. 3.31 + 4.35 + 5.38 + 7 ≈ 20.04. None of the options match. There seems to be an error in the question or options.

(Source: (एसएससी कनिष्ठ परीक्षा, 2009))

### 7. Q#: 7. (Pg: 1)

\(\frac{\sqrt{24} + \sqrt{216}}{\sqrt{56}} = ?\)

Options:

- 2√6

- 2

- 6√2

- \(\frac{\sqrt{6}}{3}\)

Explanation: √24 = 2√6, √216 = 6√6, √56 = 2√14. (2√6 + 6√6) / 2√14 = 8√6 / 2√14 = 4√6 / √14 = 4√3 / √7. This doesn't match any of the options. There seems to be an error in the question or options.

### 8. Q#: 8. (Pg: 2)

\(\frac{48}{7} = ?\)

Options:

- 16

- 18

- 38

Explanation: 48/7 ≈ 6.86. None of the options are close to this value.

(Source: (बैंक पीओ परीक्षा, 2009))

### 9. Q#: 9. (Pg: 2)

\(\sqrt{\frac{9}{16}} = ?\)

Options:

- 1 1/4

- 1 1/25

- 1 1/2

- 1 1/5

Explanation: √(9/16) = 3/4 = 0.75. None of the options are exactly equal to 3/4, however 1 1/4 is close to 1.25

### 10. Q#: 10. (Pg: 2)

\(\sqrt{195} = ?\)

Options:

- 10

- 10.25

- 10.5

- 11.5

Explanation: √195 ≈ 13.96. The closest option is 11.5

### 11. Q#: 11. (Pg: 2)

\(\sqrt{\frac{128}{7}} = ?\)

Options:

- 2

- 3

- 5

- 2

Explanation: √(128/7) ≈ √18.28 ≈ 4.27. None of the options are close.

### 12. Q#: 12. (Pg: 2)

\(\sqrt{\frac{1694}{14}} - 25 = ?\)

Options:

- 11

- 12

- 14

- 22

Explanation: √(1694/14) ≈ √121 ≈ 11. 11 - 25 = -14. None of the given options match. There might be an error in the question or options.

### 13. Q#: 13. (Pg: 2)

\(\sqrt{7} \times 180 = ?\)

Options:

- 2880

- 11

- 750

- 540

Explanation: √7 \* 180 ≈ 2.646 \* 180 ≈ 476.28. None of the options are close.

(Source: (बैंक पीओ परीक्षा, 2008))

### 14. Q#: 14. (Pg: 2)

\(\sqrt{0.009} - \sqrt{0.036} - \sqrt{0.016} = ?\)

Options:

- 0.360

- 0.336

- 0.002

- 0.0002

Explanation: √0.009 = 0.03, √0.036 = 0.18, √0.016 = 0.04. 0.03 - 0.18 - 0.04 = -0.19. None of the options are close.

(Source: (एसएससी कनिष्ठ परीक्षा, 2010))

### 15. Q#: 15. (Pg: 2)

\(\sqrt{30.27} + \sqrt{0.09} - \sqrt{30.197} = ?\)

Options:

- 30.0997

- 0.05

- 30.000

- 30.297

Explanation: √30.27 ≈ 5.5, √0.09 = 0.3, √30.197 ≈ 5.495. 5.5 + 0.3 - 5.495 = 0.305. None of the options are close.

(Source: (एसएससी कनिष्ठ परीक्षा, 2009))

### 16. Q#: 16. (Pg: 2)

\(\sqrt{0.0081} = ?\)

Options:

- 0.09

- 0.9

- 0.03

- 0.3

Explanation: √0.0081 = 0.09

(Source: (एसएससी कनिष्ठ परीक्षा, 2008))

### 17. Q#: 17. (Pg: 2)

\(\sqrt{3} + 0.0064 = ?\)

Options:

- 259

- 170

- 0.017

- 0.17

Explanation: √3 ≈ 1.732. 1.732 + 0.0064 = 1.7384. None of the options match.

### 18. Q#: 18. (Pg: 2)

\(\sqrt{0.0121} = ?\)

Options:

- 0.011

- 0.11

- 11

- 11

Explanation: √0.0121 = 0.11

### 19. Q#: 19. (Pg: 2)

\(1.1 \times \sqrt{0.09} = ?\)

Options:

- 2

- 0.3

- 9

- 11

Explanation: 1.1 \* √0.09 = 1.1 \* 0.3 = 0.33. The closest answer is 0.3

### 20. Q#: 20. (Pg: 2)

\(\frac{-081x484}{-0.064} = ?\)

Options:

- 99

- 0.99

- 0.9

- 0.099

Explanation: (-0.81 \* 484) / (-0.064) = 6177.6/0.064 = 6177.6 \* 15.625 = 96500. There must be some errors in question or options.

### 21. Q#: 21. (Pg: 2)

\(\sqrt{0.00157 \times 18.9} \approx ?\)

Options:

- 5

- 15

- 13

- 250

Explanation: √(0.00157 \* 18.9) ≈ √0.0297 ≈ 0.172. None of the options are close.

### 22. Q#: 22. (Pg: 2)

वर्गमूल \(\frac{144}{13} \times 12 \times 12\) का मान है, x = ?

Options:

- 12

- 13

- 12

- 25

Explanation: √(144/13 \* 12 \* 12) = √(144 \* 144/13) = 144/√13 ≈ 39.9. None of the options match.