

SCHOLARS SSC ACADEMY

SSC & BANKING - TOPIC-WISE PRACTICE ASSIGNMENT

Powers, Surds & Indices

Quantitative Aptitude / Mathematics | Set 1 | 10 MCQs | Practice Worksheet

Student Name: _____	Date: _____
Suggested Time: 15 minutes	Total Marks: 10

Instructions: Choose the most appropriate option. Attempt all questions. This is an original practice assignment, not a claimed previous-year paper.

1. Simplify: $2^2 \times 2^1$

- A. 9
- B. 6
- C. 4
- D. 8

2. Simplify: $3^3 \times 3^2$

- A. 243
- B. 729
- C. 81
- D. 36

3. Simplify: $4^4 \times 4^1$

- A. 1025
- B. 256
- C. 260
- D. 1024

4. Simplify: $5^2 \times 5^2$

- A. 50
- B. 625
- C. 125
- D. 626

5. Simplify: $2^3 \times 2^1$

- A. 10
- B. 8
- C. 16
- D. 17

6. Simplify: $3^4 \times 3^2$

- A. 243
- B. 6561
- C. 90
- D. 729

7. Simplify: $4^2 \times 4^1$

- A. 16
- B. 20
- C. 64
- D. 65

8. Simplify: $5^3 \times 5^2$

- A. 15625
- B. 3125
- C. 150
- D. 625

9. Simplify: $2^4 \times 2^1$

- A. 18
- B. 16
- C. 33
- D. 32

10. Simplify: $3^2 \times 3^2$

- A. 82
- B. 27
- C. 81
- D. 18

ANSWER KEY

Q	Ans	Q	Ans	Q	Ans	Q	Ans	Q	Ans
1	D	2	A	3	D	4	B	5	C
6	D	7	C	8	B	9	D	10	C

Use this assignment for topic-wise practice and classroom discussion. Review incorrect answers with your faculty before moving to the next topic.