1) The greatest number among 3^{50}, 4^{40}, 5^{30} and 6^{20} is :
a) 5^{30} b) 4^{40} c) 3^{50} d) 6^{20}

2) The greatest of the numbers $\sqrt[2]{8}$, $\sqrt[4]{13}$, $\sqrt[5]{16}$, $\sqrt[10]{41}$ is :
a) $\sqrt[10]{41}$ b) $\sqrt[4]{13}$ c) $\sqrt[5]{16}$ d) $\sqrt[2]{8}$

3) The smallest among the numbers 2^{250}, 3^{150}, 5^{100} and 4^{200}.
a) 3^{150} b) 4^{200} c) 5^{100} d) 2^{250}

4) Which of the following number is the least? $(0.5)^2$, $\sqrt{0.49}$, $\sqrt[3]{0.008}$, 0.23
a) $\sqrt[3]{0.008}$ b) $(0.5)^2$
C) $\sqrt{0.49}$ d) , 0.23

5) The largest among the numbers $\sqrt{0.09}$, $\sqrt[3]{0.064}$, 0.5 and $\frac{3}{5}$ is :
a)0.5 b) $\sqrt{0.09}$ c) $\sqrt[3]{0.064}$ d) $\frac{3}{5}$

6) The largest number among 2^{60}, 3^{48}, 4^{36} and 5^{24} is :
a) 4^{36} b) 2^{60} c) 3^{48} d) 5^{24}

7) The ascending order of $(2.89)^{0.5}$, $2-(0.5)^2$, $\sqrt{3}$, $\sqrt[3]{0.008}$ is:
a) $\sqrt[3]{0.008}$, $\sqrt{3}$, $(2.89)^{0.5}$, $2-(0.5)^2$
b) $2-(0.5)^2$, $\sqrt{3}$, , $\sqrt[3]{0.008}$, $(2.89)^{0.5}$
c) $\sqrt[3]{0.008}$, $(2.89)^{0.5}$, $\sqrt{3}$, $2-(0.5)^2$
d) $\sqrt{3}$, $\sqrt[3]{0.008}$, $2-(0.5)^2$, $(2.89)^{0.5}$

8) If the numbers $\sqrt[3]{9}$, $\sqrt[4]{20}$, $\sqrt[6]{25}$ are arranged in ascending order, then the right arrangement is :
a) $\sqrt[4]{20} < \sqrt[6]{25} < \sqrt[3]{9}$
b) $\sqrt[6]{25} < \sqrt[4]{20} < \sqrt[3]{9}$
c) $\sqrt[3]{9} < \sqrt[4]{20} < \sqrt[6]{25}$
d) $\sqrt[6]{25} < \sqrt[3]{9} < \sqrt[4]{20}$

9) The smallest among $\sqrt[6]{12}$, $\sqrt[3]{4}$, $\sqrt[4]{5}$, $\sqrt{3}$ is :
a) $\sqrt{3}$ b) $\sqrt[6]{12}$ c) $\sqrt[3]{4}$ d) $\sqrt[4]{5}$

10) Arrange the following in descending order: $\sqrt[3]{4}$, $\sqrt{2}$, $\sqrt[6]{3}$, $\sqrt[4]{5}$
a) $\sqrt{2} > \sqrt[6]{3} > \sqrt[3]{4} > \sqrt[4]{5}$
b) $\sqrt[3]{4} > \sqrt[4]{5} > \sqrt{2} > \sqrt[6]{3}$
c) $\sqrt[4]{5} > \sqrt[3]{4} > \sqrt[6]{3} > \sqrt{2}$
d) $\sqrt[6]{3} >$) $\sqrt[4]{5} > \sqrt[3]{4} > \sqrt{2}$

11) The greatest one of $\sqrt{2}$, $\sqrt[3]{3}$, $\sqrt[6]{6}$, $\sqrt[5]{5}$ is :
a) $\sqrt[6]{6}$ b) $\sqrt{2}$ c) $\sqrt[3]{3}$ d) $\sqrt[5]{5}$

12) The greatest number among $\sqrt[3]{2}$, $\sqrt{3}$, $\sqrt[3]{5}$ and 1.5 is
a) $\sqrt{3}$ b) $\sqrt[3]{2}$ c) $\sqrt[3]{5}$ d) 1.5

13) Which is the greatest among?
$(\sqrt{19}-\sqrt{17})$, $(\sqrt{13}-\sqrt{11})$, $(\sqrt{7}-\sqrt{5})$ and $(\sqrt{5}-\sqrt{3})$
a) $\sqrt{7}-\sqrt{5}$ b) $\sqrt{19}-\sqrt{17}$
c) $\sqrt{13}-\sqrt{11}$ d) $\sqrt{5}-\sqrt{3}$

14) Among the numbers $\sqrt{2}$, $\sqrt[3]{9}$, $\sqrt[4]{16}$, $\sqrt[5]{32}$ the greatest one is:
a) $\sqrt[4]{16}$ b) $\sqrt{2}$ c) $\sqrt[3]{9}$ d) $\sqrt[5]{32}$

15)Which is the largest among the numbers? $\sqrt{5}$, $3\sqrt{7}$, $4\sqrt{13}$
a) $\sqrt{5}$ b) $4\sqrt{13}$
c) $3\sqrt{7}$ d) All are equal

16) Which of the following is the biggest? $\sqrt[3]{4}$, $\sqrt[4]{6}$, $\sqrt[6]{15}$ and $\sqrt[12]{245}$
a) $\sqrt[6]{15}$ b) $\sqrt[3]{4}$ c) $\sqrt[4]{6}$ d) $\sqrt[12]{245}$

17)Greatest among the numbers $\sqrt[3]{9}$, $\sqrt{3}$, $\sqrt[4]{16}$ and $\sqrt[6]{80}$ is :

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a) $\sqrt[4]{16}$ b) $\sqrt[3]{9}$ c) $\sqrt{3}$ d) $\sqrt[6]{80}$

18) The largest number among $\sqrt{2}$, $\sqrt[3]{3}$, $\sqrt[4]{4}$ is:
a) $\sqrt[4]{4}$ b) $\sqrt{2}$ c) $\sqrt[3]{3}$ d) All are equal

19) The greatest number among $\sqrt{7}-\sqrt{5}$, $\sqrt{5}-\sqrt{3}$, $\sqrt{9}-\sqrt{7}$, $\sqrt{11}-\sqrt{9}$ is:
a) $\sqrt{9}-\sqrt{7}$ b) $\sqrt{7}-\sqrt{5}$
c) $\sqrt{5}-\sqrt{3}$ d) $\sqrt{11}-\sqrt{9}$

20) The largest among the numbers 0.9, $(0.9)^2$, $\sqrt{0.9}$, 0.9 is :
0.9, $(0.9)^2$, $\sqrt{0.9}$, 0.9 is :
a) $\sqrt{0.9}$ b) 0.9 c) $(0.9)^2$ d) $\overline{0.9}$

21) The greatest of $\sqrt{2}$, $\sqrt[6]{3}$, $\sqrt[3]{4}$, $\sqrt[4]{5}$ is :
a) $\sqrt[3]{4}$ b) $\sqrt{2}$ c) $\sqrt[6]{3}$ d) $\sqrt[4]{5}$

22) The least one of $2\sqrt{3}$, $2\sqrt[4]{5}$, $\sqrt{8}$ and $3\sqrt{2}$ is:
a) $\sqrt{8}$ b) $2\sqrt{3}$ c) $2\sqrt[4]{5}$ d) $3\sqrt{2}$

23) The greatest of the numbers $(2.89)^{0.5}$, $2-(0.5)^2$, $1+\frac{0.5}{1-\frac{1}{2}}$, $\sqrt{3}$ is :
a) $1+\frac{0.5}{1-\frac{1}{2}}$ b) $(2.89)^{0.5}$
c) $2-(0.5)^2$ d) $\sqrt{3}$

24) The greatest among the numbers $\sqrt[4]{3}$, $\sqrt[5]{4}$, $\sqrt[10]{12}$, 1 is :
a) $\sqrt[4]{3}$ b) 1 c) $\sqrt[5]{4}$ d) $\sqrt[10]{12}$

25) The smallest of $\sqrt{8}+\sqrt{5}$, $\sqrt{7}+\sqrt{6}$, $\sqrt{10}+\sqrt{3}$ and $\sqrt{11}+\sqrt{2}$:
a) $\sqrt{10}+\sqrt{3}$ b) $\sqrt{8}+\sqrt{5}$
c) $\sqrt{7}+\sqrt{6}$ d) $\sqrt{11}+\sqrt{2}$

26) The greatest one $\sqrt{3}$, $\sqrt[3]{4}$, $\sqrt[4]{6}$ and $\sqrt[6]{8}$ is:
a) $\sqrt[4]{6}$ b) $\sqrt{3}$ c) $\sqrt[3]{4}$ d) $\sqrt[6]{8}$

27) The Greatest among the numbers $3\sqrt{2}$, $3\sqrt{7}$, $6\sqrt{5}$, $2\sqrt{20}$ is:
a) $6\sqrt{5}$ b) $3\sqrt{2}$ c) $3\sqrt{7}$ d) $2\sqrt{20}$

28) Among $\sqrt{2}$, $\sqrt[3]{3}$, $\sqrt[4]{5}$, $\sqrt[3]{2}$ which one is the greatest?
a) $\sqrt[3]{3}$ b) $\sqrt[4]{5}$ c) $\sqrt{2}$ d) $\sqrt[3]{2}$

29) Which is greater $\sqrt[3]{2}$ or $\sqrt{3}$?
a) $\sqrt{3}$ b) Cannot be compared
c) $\sqrt[3]{2}$ d) Equal

30) The greatest among the numbers $\sqrt{2}$, $\sqrt[3]{3}$, $\sqrt[4]{5}$, $\sqrt[6]{6}$ is:
a) $\sqrt[6]{6}$ b) $\sqrt{2}$ c) $\sqrt[3]{3}$ d) $\sqrt[4]{5}$

31) Out of the numbers 0.3 , 0.03 , 0.9 , 0.09 the numbers that is nearest to the value of $\sqrt{0.9}$ is :
a) 0.9 b) 0.3 c) 0.03 d) 0.09

32) Which of the following is the largest?
$\sqrt{2}$, $\sqrt[3]{3}$, $\sqrt[4]{4}$, $\sqrt[6]{6}$
a) $\sqrt[4]{4}$ b) $\sqrt{2}$ c) $\sqrt[3]{3}$ d) $\sqrt[6]{6}$

33) Which of the following is the least?
$\sqrt{3}$, $\sqrt[3]{2}$, $\sqrt{2}$, $\sqrt[3]{4}$
a) $\sqrt{3}$ b) $\sqrt{2}$ c) $\sqrt[3]{4}$ d) $\sqrt[3]{2}$

34) The greatest number among the following is
$\frac{4}{9}$, $\sqrt{\frac{9}{49}}$, 0.47, $(0.7)^2$
a) , 0.47 b) $\frac{4}{9}$
c) $\sqrt{\frac{9}{49}}$ d) $(0.7)^2$

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