



spardhaguru2022



Spardhaguru Current affairs



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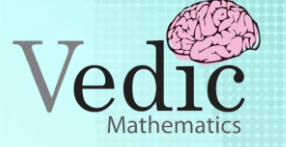
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1) The greatest number among  $3^{50}$ ,  $4^{40}$ ,  $5^{30}$  and  $6^{20}$  is :

- 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)  $\sqrt[6]{3} > \sqrt[4]{5} > \sqrt[3]{4} > \sqrt{2}$

