HERAMB COACHING CLASSES

Yogeshwar Towers, Katemanivali, Kalyan (East)

Marks: 30

Date: 01/09/2018

Duration:1Hr

XI/Math's Q.1. Find the value of:

$$\Omega$$
 2) $log \Omega$

1)
$$log_{1/2}8$$
 2) $log_50.008$ 3) log_53125 4) $log_7\sqrt[3]{7}$

4)
$$log_7 \sqrt[3]{7}$$

Q.2. show that,
$$log_67=\frac{log_27}{1+log_23}$$

Q.3. Solve for
$$x$$
, if

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$$x$$
, if $x + log_{10}(1 + 2^x) = x log_{10}5 + log_{10}6$

Q.4. Find the value of
$$\frac{(0.3125)^2}{(0.4629)^{\frac{1}{3}}}$$

Q.5. Find the value of,
$$\sqrt[3]{(35.285)^2 + (23.45)^3}$$

Q.6. if
$$\log\left(\frac{x+y}{3}\right) = \frac{1}{2}\log x + \frac{1}{2}\log y$$
, show that $\frac{x}{y} + \frac{y}{x} = 7$

Professor Vishwanathan Iver's

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