<22103>: <BMS>: <Basic Mathematics>: <Logarithm>: <UO1>: <Assessments>: <Formative>

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Assessment Type: Formative Assessments: Embedded questions in video

Set 1: Question No 1	Set 1: Question No 2	Set 1: Question No 3
Find the value of $\log_{10}\sqrt[3]{1000}$	$Evaluate\ \log_3 243$	Find x if $\log_2(x-3)=3$
Recall/ Remembering	Recall/ Remembering	Understand
a) 3	a) 3	a) 12
b) 1	b) 2	b) 6
c) 1/3	c) 1/3	c) 11
d) 10	d) 5	d) 8
Ans: <b>	Ans: <d>	Ans: <c>

Set 2: Question No 1	Set 2: Question No 2	Set 2: Question No 3
Solve for x: $\log_4(3x-5)=0$	Evaluate: $\log_{16} 2$	Evaluate x if: $\log_2(\sqrt[4]{2}) = x$
Understanding	Understanding	Understanding
a) 3	a) 4	b) 4
b) 2	b) -4	b) -4
c) 5	c) ¼	c) ¼
d) 1	d) -1/4	d) -1/4
Ans: <b>	Ans: <c>	Ans: <c>

Assessment Type: Summative: End of CO: in LMS

Summative: Q 1	Summative: Q 2	Summative: Q 3	Summative: Q 4	Summative: Q 5
Evaluate:$\log_{\sqrt{3}} 9$	Find the value of x if, $\log_x 125 = 3$	Evaluate: $(\log_3 4) \times (\log_4 81)$	Simplify: $\log\left(\frac{9}{14}\right) - \log\left(\frac{15}{16}\right) + \log\left(\frac{35}{24}\right)$	Simplify: $\log 5 + \log 3 - \log 2$
Recall/ Remembering	Understanding	Application	Understanding	Application
a) 2	a) 5	a) 4	a) log(2/3)	a) log(6)
b) 3	b) 25	b) 1/4	b) log(3/2)	b) log(15/2)
c) 4	c) 3	c) 2	c) 1	c) log(10/3)
d) 6	d) -5	d) 1/2	d) 0	d) log(5/6)

Ans: <c>	Ans: <a>	Ans: <a>	Ans: <d>	Ans: <b>

Assessment Type: Practice Worksheets: End of CO: in LMS/ downloadable PDF

If students have access to laptop/ desktop – they can answer it on LMS, else download it and answer it and file it for later use. They can also copy the question in their notebook in case the space provided is insufficient.

1. Best suited for subjective questions.
2. Numerical problems
3. Short answer questions

A. Evaluate: $\log_2 16$	**B. Evaluate:** $25^{\log_5 8}$
A. Answer	**B. Answer**

C. Simplify the following $\log_2 14 - \log_2 7$	**D.** Evaluate: $(\log_3 4) \times (\log_4 81)$
C. Answer	**D. Answer**
E. Simplify: $\log\left(\frac{2}{3}\right) + \log\left(\frac{4}{5}\right) - \log\left(\frac{8}{15}\right)$	**F. Find x if $\log_3 (x^2+2) = 3$**

E. Answer	**F. Answer**
G. **Simplify :** $\log_3 25 \times \log_5 27$	**H.** **Evaluate:** $\log_2 8 + \log_2 3 - \log_2 6$

G. Answer	**H. Answer**