

# Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: IX

Date: .....

Name: .....

ID No.....

## Multiple Choice Questions

Write the correct answer for each of the following:

1. The value of  $(256)^{0.16} \times (256)^{0.09}$  is equal to  
(a) 4                      (b) 16                      (c) 64                      (d) 256.25

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2. The number 19.999..... when written in the form  $\frac{p}{q}$ , where p and q are integers and  $q \neq 0$ , is  
(a)  $\frac{19999}{1000}$                       (b) 2                      (c)  $\frac{199}{10}$                       (d) 20

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3. The product of  $\sqrt[3]{2}, \sqrt[4]{2}, \sqrt[12]{32}$  is  
(a)  $\sqrt{2}$                       (b)  $\sqrt[12]{2}$                       (c)  $12\sqrt{32}$                       (d) 2

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