Correct   Incorrect

1. Question

- Among the following, the most suitable statement that defines an expression is?

○ **A combination of operators and variables only**

○ A valid combination of variables, constants, operators, and function calls

○ **A valid combination of variables, operators and constants only**

○ **A valid combination of operators and variables only**

> **Correct**
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2. Question

- Which of the following operators has the highest precedence?

○ **

○   ~

○   /

○   **not**

Correct
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3. Question

Which of the following operators has the right to left associativity?

○   **

○   **not**

○   =+

○   All the above

Correct
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4. Question

$$4+5/5*2$$

○ **6**

○ **0.9**

○ **6.0**

○ **3.6**

Correct
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5. Question
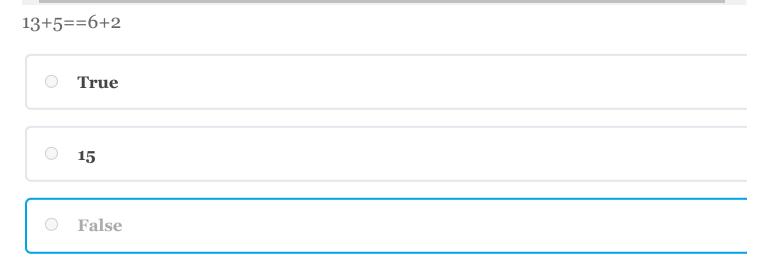
Which of the following gives the output as 9?

○ **5+2**2**

○ **11+1*3/4**

○ **18-3**2**

○   **Both a and c**

Correct

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6. Question

13+5==6+2

○   **True**

○   **15**

○   **False**

○   **16**

Correct

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7. Question

Which of the following operators have the same precedence?

- ○ **-x,~x**

- ○ **&,|**

- ○ **>,>>**

- ○ **None of the above**

Incorrect
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8. Question

4+3 and 6 or 4>5+2

- ○ 7

- ○ 4

- ○ 2

- ○ 6

Correct
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9. Question

4.5/2+(6%2)

○ **1.5**

○ **1.25**

○ **2.25**

○ **3.25**

Correct
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10. Question

Which of the following gives output as 0?

○ **6+4!=~4+15**

○ **5+3>>4*3**

○   2**4-18+3

○   4&10+4

Correct
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11. Question

Identify the output of the following code.

print(2**1*3,end=" ")

print(2*1**3)

○   2 6

○   2 2

○   6 6

○   6 2

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12. Question

Which of the following is a non-associative operator?

○   <

○   +

○   **

○   **and**

Incorrect
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13. Question

6>7<3+3

○   **True**

○   **False**

○   **3**

○ **4**

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14. Question

Which of the following give the output as True?

○ **True and False and False**

○ **(False and True) or False**

○ **True and True or False**

○ **not(True or False) and True**

Incorrect
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15. Question

5+(6>4)+6/3*5

- ○ **16.0**

- ○ **0.8**

- ○ **18**

- ○ **6**