

2020

2020.02.24~03.01

2 17-21

2020 2 24

1 3 2

2

27

21

2 28

3

5 QQ 1

7×16

4

,

1 2020.02.17-03.01

2 17-21 2 24

3 1 21 3476

2020 3513



**2**

**1.11-2.28**

				<b>%</b>
<b>1</b>		<b>160</b>	<b>138</b>	<b>86.25%</b>
<b>2</b>		<b>228</b>	<b>190</b>	<b>83.33%</b>
<b>3</b>		<b>121</b>	<b>99</b>	<b>81.82%</b>
<b>4</b>		<b>111</b>	<b>84</b>	<b>75.68%</b>
<b>5</b>		<b>137</b>	<b>98</b>	<b>71.53%</b>

				%
<b>16</b>		<b>60</b>	<b>19</b>	<b>31.67%</b>
<b>17</b>		<b>112</b>	<b>34</b>	<b>30.36%</b>
<b>18</b>		<b>143</b>	<b>39</b>	<b>27.27%</b>
<b>19</b>		<b>12</b>	<b>3</b>	<b>25.00%</b>
<b>20</b>		<b>132</b>	<b>32</b>	<b>24.24%</b>
<b>21</b>		<b>257</b>	<b>54</b>	<b>21.01%</b>

**1**

148                      9493

97.81%                  93%

**2**

4

QQ

+QQ +

**3**

7887

19

4

**4**

15 900

**5**

cctalk

+

6

20

20

MOOC

"

"

13

QQ

7

MOOC

8

442

25718

9

B

QQ

ZOOM

QQ

ZOOM

PPT

QQ

QQ

MOOC

QQ



**10**

54

400

**11**

90

**12**

20

QQ

**13**

47

9000

WE-learn

=

QQ

Q

WE-learn

U

FiF

QQ

14

+

66

MOOC

QQ

MOOC

SPOC

SPOC

SPOC

15

**16**

1 4

97%

**2020 3 3**