

**2019 answer keys**

**Paper 1**

Question	Answer
1	A
2	A
3	E
4	C
5	E
6	C
7	F
8	E
9	D
10	F
11	H
12	C
13	B
14	B
15	A
16	C
17	C
18	B
19	C
20	E

**Paper 2**

Question	Answer
1	E
2	C
3	A
4	D
5	B
6	D
7	B
8	E
9	D
10	A
11	A
12	F
13	D
14	B
15	B
16	F
17	D
18	E
19	E
20	B

# Test of Mathematics for University Admission (TMUA)

## 2019 answer keys

### Grade conversion

#### PAPER 1

Raw score	Grade
20	9
19	9
18	8.5
17	8
16	7.7
15	7.4
14	7.2
13	6.9
12	6.7
11	6.5
10	5.9
9	5.3
8	4.8
7	4.2
6	3.5
5	2.8
4	2
3	1.1
2	1
1	1
0	1

#### PAPER 2

Raw score	Grade
20	9
19	8.8
18	8.1
17	7.6
16	7.3
15	7
14	6.8
13	6.5
12	5.9
11	5.4
10	4.8
9	4.3
8	3.7
7	3.1
6	2.5
5	1.8
4	1
3	1
2	1
1	1
0	1

# Test of Mathematics for University Admission (TMUA)

## OVERALL

Raw score	Grade
40	9
39	9
38	9
37	8.6
36	8.3
35	8.1
34	7.9
33	7.7
32	7.5
31	7.4
30	7.2
29	7.1
28	7
27	6.8
26	6.7
25	6.6
24	6.5
23	6.2
22	5.9
21	5.7
20	5.4
19	5.1
18	4.8
17	4.5
16	4.2
15	3.9
14	3.6
13	3.3
12	3
11	2.6
10	2.3
9	1.9
8	1.5
7	1.1
6	1
5	1
4	1
3	1
2	1
1	1
0	1