**UKCAT Quantitative Reasoning Practice Test 1 Answers**

1. The correct answer is B because of the following calculation(s):

Sum of (2, 5, 6, 6, 8, 10, 12, 17) = 66

/8 =8.25

1. The correct answer is C because of the following calculation(s):

The frequency of scores is “1” for all scores.

Except for a score of 6 which two sixth form pupils achieved.

Hence, the mode = 6

1. The correct answer is A because of the following calculation(s):

Male Total = 28

28/4 = 7; Female Total = 38; 38/4 = 9.5; 7:9.5 is same as 14:19

1. The correct answer is E because of the following calculation(s):

Total A's(1); B's (0); C's (2); D's (4); E's (1)

Ratio of A/B's to D/E's = 1:5

1. The correct answer is D because of the following calculation(s):

Median is the middle score.

The order of the scores is: 2, 5, 6, 6, 8, 8, 10, 12, 17, so middle score = 8

1. The correct answer is C because of the following calculation(s):

Total score for 4 female pupils = 4 x 10 = 40

Mean and number of pupils constant, so total score = 66

 Total score males = 66 - 40 = 24; 24/4=6.5; 66 - 40 = 24

1. The correct answer is D because of the following calculation(s):

20 - 12 = 8hours

1. The correct answer is E because of the following calculation(s):

Time difference between Moscow and London = 3 hours ahead

1. The correct answer is B because of the following calculation(s):

Time difference between New York and London = 5 hours behind

09.00 - 5 hours = 04.00

 Difference 04.00 and 22.00 = 6 hours

1. The correct answer is B because of the following calculation(s):

Time difference between Tehran and London = 3.5 hours ahead

 13.00 flight lasting four hours arrives at 13.00 + 3.5 + 4 = 20.30

1. The correct answer is A because of the following calculation(s):

Buenos Aires is 3 hours behind

Watch is 1 hour ahead

 At 11.00, watch is 2 hours behind

1. The correct answer is C because of the following calculation(s):

Time difference = 9 + 5 hours = 14 hours

14 hours ahead of 13.00 is 03.00