
UCAT MOCK EXAMINATION 1

ANSWER BOOKLET



Section 1 – Verbal Reasoning

Passage 1 (VRTF0024)

1. FALSE
2. TRUE
3. TRUE
4. CAN'T Tell

Passage 2 (VRTF0001)

5. TRUE
6. FALSE
7. FALSE
8. TRUE

Passage 3 (VRIC0001)

9. Decreasing the number of eosinophils in the airways [CORRECT]
10. No [CORRECT]
11. Increased mortality [CORRECT]
12. Binding to receptors which regulate inflammatory protein synthesis [CORRECT]

Passage 4 (VRTF0009)

13. TRUE
14. TRUE
15. FALSE
16. CAN'T TELL

Passage 5 of 11 (VRIC0003)

17. Ballistics [CORRECT]
18. 0.1% [CORRECT]
19. 1985 [CORRECT]
20. Cryptanalysis [CORRECT]

Passage 6 of 11 (VRIC0002)

21. Cryptanalysis [CORRECT]
22. The Persistence of Memory [CORRECT]
23. Psychology [CORRECT]
24. The Surrealist Manifesto [CORRECT]



Passage 7 of 11 (VRIC0004)

- 25. King Kashyapa [CORRECT]
- 26. Wasps [CORRECT]
- 27. He found out the true Queen was not his mother, invalidating his right to the throne [CORRECT]
- 28. 477 CE [CORRECT]

Passage 8 of 11 (VRTF0003)

- 29. TRUE
- 30. CAN'T TELL
- 31. CAN'T TELL
- 32. FALSE

Passage 9 of 11 (VRTF0010)

- 33. TRUE
- 34. FALSE
- 35. FALSE
- 36. FALSE

Passage 10 of 11 (VRIC0006)

- 37. 5398 [CORRECT]
- 38. Half siblings [CORRECT]
- 39. His mummified pet cat [CORRECT]
- 40. Tuberculosis [CORRECT]

Passage 11 of 11 (VRIC0007)

- 41. Parts of Ecuador, Bolivia, Colombia, Argentina and Chile as well as Peru itself [CORRECT]
- 42. Wooden wedge technique [CORRECT]
- 43. 1438-1533 [CORRECT]
- 44. A citadel for the Incan emperor Pachacuti [CORRECT]



Section 2 – Decision Making

1. South of Sulaymaniyah and north of Al-Diwaniyah and can be between Baqubah and Baghdad.
2.
 - a. No, only this child is a menace
 - b. No, all menaces are annoying, but the reverse isn't necessarily true
 - c. Yes, it is true for all of the so is true for some of them.
 - d. Yes, this child is a menace.
 - e. Yes, this child is a menace and all menaces are annoying, so this child is annoying.
3. Yes, attempts to get the drinks industry to label sugar content on a voluntary basis have given mixed results.
4.
 - a. NO
 - b. NO
 - c. NO
 - d. YES
 - e. NO
5. D) 44
6. No, the NHS is for everyone and discrimination is a slippery slope, it would be completely biased. **[TRUE]**
7. E) Baby Andrew (most) and baby Gil (least).
8. C. Legalising drugs is a good idea as currently drugs are not regulated which means dangerous and potent levels lead to death.
9.
 - a. No - all humans are apes
 - b. Yes - it is true for some of them, so it is true for all of them
 - c. Yes - all monkeys are simians and no simians are apes.
 - d. Yes - because no monkeys are apes and all humans are apes.



e. No - the reverse is true, but this is not.

10. B)127

11. 14 hours

12. A) Individuals in group P and T attended either A&E or their GP but not both in the last year

13. D) No. Such a law would be ineffectual, and it would be better to focus more on sex education in schools and improving access to contraception.

14. C) If Michael and Jason throw 500 throws each, Jason will have less successful shots than Michael

15.

- a. [FALSE]
- b. [TRUE]
- c. [FALSE]
- d. [TRUE]
- e. [TRUE]

16. A) Yes, because patients deserve dignity in death and have a right to reject treatment

17. A) 5

18.

- a. [TRUE]
- b. [FALSE]
- c. [FALSE]
- d. [TRUE]
- e. [TRUE]

19. D) The number of individuals of ethnicity A and E represent $\frac{1}{3}$ rd of the total patient sample.

20.

- a. No egg-layers can fly.



- b. Yes - We know most are egg-layers and thus cannot fly.
 - c. No - We are told that none of them can fly.
 - d. Yes - This is true because egg-layers cannot fly and we are told that penguins can.
 - e. No - We only know for certain that the ones which are egg-layers Can't fly.
21. D) No. Women younger than fifty are not at as high a risk of breast cancer, and more frequent screening would result in a high rate of false positives and unnecessary invasive tests, not necessarily better detection rates.
22. B) Yes. Oftentimes, the concept of doing something to benefit the environment and the health of populations is not enough of an incentive for governments to change, and so introducing an economic factor could help.
23. B) Ellen only
24. D) One Z can accommodate 9X
25. B) 20
26. C) 512
27. B) 71
28. C. The hockey team live in the green house, drink Coca-Cola and eat vanilla ice-cream.
- 29.
- a. NO
 - b. NO
 - c. YES
 - d. YES
 - e. NO



Section 3 – Quantitative Reasoning

Data set 1 (QR0001)

1. D) 25%
2. B) £5.00
3. C) Family package, by £4.00.
4. A) £75.00

5. D) 2862.15

Data set 2 (QR0005)

6. Physics - CORRECT
7. 68 - CORRECT
8. English - CORRECT
9. 9.6 – CORRECT

Data set 3 (QR0006)

10. 68.7 - CORRECT
11. 44.0m - CORRECT
12. £661.60 - CORRECT
13. 6.0 – CORRECT

Data set 4 (QR0007)

14. D) The cupcakes, by 25p.
15. C) £47.50
16. C) Two tiers.
17. E) 7km

18. E) 89%



Data set 5 (QR0029)

19. B because the blue line is lowest in June.
20. E because we have only the highest value. The second most expensive may have in fact been in August.
21. D because the value for the blue line is the same in July and September.
22. E because $22+25+22+30+25=124$

23. D) 41,681

Data set 6 (QR0016)

24. D) \$16,000
25. B) £1600
26. C) \$5000
27. B) \$1327.5

Data set 7 (QR0030)

28. D because Switzerland has no grey line, indicating a rate of 0%.
29. C because on inspecting the data, the highest in each of the categories is Sweden.
30. B because Ireland has a tax rate of 12.5%
31. D because pre-tax he earns £60000 ($(15,000/25) \times 100$) which when the 15000 of tax is taken off leaves £45000.

32. D) 12ml.

Data set 8 (QR0008)

33. D) 13%
34. C) 11%
35. E) 52%

36. E) 12km



Section 4 - Abstract Reasoning

1. A
2. Neither
3. B
4. A
5. NEITHER

6. B
7. A
8. D

9. SET A
10. SET B
11. NEITHER
12. SET B
13. SET A

14. B
15. D
16. C

17. NEITHER
18. SET A
19. SET B
20. NEITHER
21. SET A

22. A
23. B

24. NEITHER



- 25. SET A
- 26. SET B
- 27. NEITHER
- 28. SET B

- 29. D
- 30. D

- 31. NEITHER
- 32. SET B
- 33. SET B
- 34. SET B
- 35. SET A

- 36. C
- 37. B

- 38. NEITHER
- 39. SET A
- 40. SET B
- 41. NEITHER
- 42. NEITHER

- 43. B
- 44. C

- 45. SET B
- 46. NEITHER
- 47. NEITHER
- 48. SET A
- 49. SET B

- 50. SET A



- 51. SET B
- 52. SET B
- 53. NEITHER
- 54. NEITHER

55. C



Section 5 – Situational Judgment

1. [OF MINOR IMPORTANCE]
2. [NOT AT ALL IMPORTANT]
3. [VERY IMPORTANT]
4. [OF MINOR IMPORTANCE]

5. [A VERY APPROPRIATE THING TO DO]
6. [A VERY INAPPROPRIATE THING TO DO]
7. [A VERY APPROPRIATE THING TO DO]
8. [A VERY APPROPRIATE THING TO DO]

9. [OF MINOR IMPORTANCE]
10. [NOT AT ALL IMPORTANT]
11. [NOT AT ALL IMPORTANT]
12. [VERY IMPORTANT]

13. [A VERY APPROPRIATE THING TO DO]
14. [A VERY INAPPROPRIATE THING TO DO]
15. [A VERY INAPPROPRIATE THING TO DO]
16. [APPROPRIATE, BUT NOT IDEAL]

17. [OF MINOR IMPORTANCE]
18. [VERY IMPORTANT]
19. [VERY IMPORTANT]
20. [NOT AT ALL IMPORTANT]

21. [A VERY APPROPRIATE THING TO DO]
22. [A VERY INAPPROPRIATE THING TO DO]
23. [A VERY APPROPRIATE THING TO DO]
24. [A VERY APPROPRIATE THING TO DO]



- 25. [VERY IMPORTANT]
- 26. [VERY IMPORTANT]
- 27. [VERY IMPORTANT]
- 28. [NOT AT ALL IMPORTANT]

- 29. [A VERY APPROPRIATE THING TO DO]
- 30. [APPROPRIATE, BUT NOT IDEAL]
- 31. [A VERY INAPPROPRIATE THING TO DO]
- 32. [A VERY INAPPROPRIATE THING TO DO]

- 33. [VERY IMPORTANT]
- 34. [NOT AT ALL IMPORTANT]
- 35. [VERY IMPORTANT]
- 36. [OF MINOR IMPORTANCE]

- 37. [A VERY INAPPROPRIATE THING TO DO]
- 38. [APPROPRIATE, BUT NOT IDEAL]
- 39. [A VERY APPROPRIATE THING TO DO]
- 40. [APPROPRIATE, BUT NOT IDEAL]

- 41. [NOT AT ALL IMPORTANT]
- 42. [VERY IMPORTANT]
- 43. [NOT AT ALL IMPORTANT]
- 44. [VERY IMPORTANT]

- 45. [APPROPRIATE BUT NOT IDEAL]
- 46. [A VERY APPROPRIATE THING TO DO]
- 47. [A VERY INAPPROPRIATE THING TO DO]
- 48. [VERY INAPPROPRIATE]

- 49. [NOT AT ALL IMPORTANT]
- 50. [NOT AT ALL IMPORTANT]



51. [NOT AT ALL IMPORTANT]
52. [IMPORTANT]
53. [APPROPRIATE, BUT NOT IDEAL]
54. [A VERY APPROPRIATE THING TO DO]
55. [A VERY APPROPRIATE THING TO DO]
56. [A VERY INAPPROPRIATE THING TO DO]
57. [NOT IMPORTANT AT ALL]
58. [VERY IMPORTANT]
59. [NOT AT ALL IMPORTANT]
60. [IMPORTANT]
61. [A VERY APPROPRIATE THING TO DO]
62. [A VERY INAPPROPRIATE THING TO DO]
63. [INAPPROPRIATE, BUT NOT AWFUL]
64. [APPROPRIATE, BUT NOT IDEAL]
65. [VERY IMPORTANT]
66. [VERY IMPORTANT]
67. [IMPORTANT]
68. [IMPORTANT]
69. [VERY APPROPRIATE]

