

# Numerical Reasoning

## Test 13



### Questions Booklet

#### Instructions

This practice test contains **30 questions**, and you will have **30 minutes** to answer them.

Each question will have four possible answers, one of which is correct.

Calculators are permitted for this test. It's recommended to have some rough paper for your calculations. You will have to work quickly and accurately to perform well in this test. If you don't know the answer to a question, leave it and come back to it if you have time.

Try to find a time and place where you will not be interrupted during the test. When you are ready, turn to the next page and begin.

Commodity	Performance	Volatility	Liquidity	Forecast	Price per Tonne
Wheat	9	8	2	10	£104.70
Oats	2	2	6	4	£152.60
Rice	3	10	3	3	£224.10
Corn	1	10	9	5	£103.80
Soybeans	1	6	7	9	£173.30

Ratings Key:

Extremely Low	Very Low	Low	Below Average	Medium	Above Average	High	Very High	Extremely High	Maximum
1	2	3	4	5	6	7	8	9	10

**Q1** You want to invest in the commodity with the highest combined rating of "Liquidity" and "Forecast". Which commodity should you invest in?

- (A) Wheat
- (B) Oats
- (C) Rice
- (D) Corn
- (E) Soybeans
- (F) None of the above

Commodity	Performance	Volatility	Liquidity	Forecast	Price per Tonne
Wheat	3	6	2	1	£204.90
Oats	10	4	2	4	£113.00
Rice	10	3	3	6	£219.20
Corn	5	9	10	7	£116.00
Soybeans	8	7	8	7	£279.20

Ratings Key:

Extremely Low	Very Low	Low	Below Average	Medium	Above Average	High	Very High	Extremely High	Maximum
1	2	3	4	5	6	7	8	9	10

**Q2** You select the commodities with no ratings at or below "Very Low". Of the selected commodities, you choose the two cheapest per tonne. You then invest in the commodity with the fewest ratings at or below "Above Average". Which commodity do you invest in?

- (A) Wheat
- (B) Oats
- (C) Rice
- (D) Corn
- (E) Soybeans
- (F) None of the above

Commodity	Performance	Volatility	Liquidity	Forecast	Price per Tonne
Wheat	5	4	8	10	£123.20
Oats	1	5	7	4	£236.90
Rice	6	1	7	10	£209.40
Corn	5	5	4	5	£129.50
Soybeans	8	8	1	9	£141.60

Ratings Key:

Extremely Low	Very Low	Low	Below Average	Medium	Above Average	High	Very High	Extremely High	Maximum
1	2	3	4	5	6	7	8	9	10

**Q3** You only want to invest in a commodity where the "Liquidity" rating is higher than its "Forecast" rating. Which commodity do you invest in?

- (A) Wheat
- (B) Oats
- (C) Rice
- (D) Corn
- (E) Soybeans
- (F) None of the above

Commodity	Performance	Volatility	Liquidity	Forecast	Price per Tonne
Wheat	5	5	7	9	£164.20
Oats	2	10	4	5	£219.90
Rice	2	3	6	10	£241.30
Corn	10	1	2	3	£220.90
Soybeans	7	1	8	4	£180.30

Ratings Key:

Extremely Low	Very Low	Low	Below Average	Medium	Above Average	High	Very High	Extremely High	Maximum
1	2	3	4	5	6	7	8	9	10

**Q4** Of the commodities with a "Price per Tonne" lower than £200, you select the commodity with the highest number of ratings between "Medium " and "High". Which commodity do you select?

- (A) Wheat
- (B) Oats
- (C) Rice
- (D) Corn
- (E) Soybeans
- (F) None of the above

Commodity	Performance	Volatility	Liquidity	Forecast	Price per Tonne
Wheat	8	4	7	3	£176.40
Oats	10	6	6	3	£242.30
Rice	4	10	5	10	£121.30
Corn	1	1	4	2	£273.20
Soybeans	6	3	4	7	£171.00

Ratings Key:

Extremely Low	Very Low	Low	Below Average	Medium	Above Average	High	Very High	Extremely High	Maximum
1	2	3	4	5	6	7	8	9	10

**Q5** You want to invest in the commodity with both an average rating of "High" or more across all features, and a rating of at least "High" for "Performance". Which commodity do you invest in?

- (A) Wheat
- (B) Oats
- (C) Rice
- (D) Corn
- (E) Soybeans
- (F) None of the above

Commodity	Performance	Volatility	Liquidity	Forecast	Price per Tonne
Wheat	5	9	10	10	£191.90
Oats	8	1	1	10	£252.80
Rice	3	10	6	2	£215.90
Corn	3	3	6	5	£171.60
Soybeans	10	8	1	1	£270.60

Ratings Key:

Extremely Low	Very Low	Low	Below Average	Medium	Above Average	High	Very High	Extremely High	Maximum
1	2	3	4	5	6	7	8	9	10

**Q6** You want to invest in the commodity with a “Price per Tonne” of less than £200 per Tonne, and with no ratings at or below "Low". Which commodity do you invest in?

- (A) Wheat
- (B) Oats
- (C) Rice
- (D) Corn
- (E) Soybeans
- (F) None of the above

Commodity	Performance	Volatility	Liquidity	Forecast	Price per Tonne
Wheat	8	2	6	9	£296.90
Oats	9	7	2	8	£246.40
Rice	8	8	8	7	£194.10
Corn	7	6	1	9	£220.10
Soybeans	2	3	9	10	£198.50

Ratings Key:

Extremely Low	Very Low	Low	Below Average	Medium	Above Average	High	Very High	Extremely High	Maximum
1	2	3	4	5	6	7	8	9	10

**Q7** You do not want to invest in a commodity with a "Performance" rating lower than its rating for "Forecast", a "Volatility" rating at or above "High", or a price per tonne of £200 or higher. Which commodity could you invest in?

- (A) Wheat
- (B) Oats
- (C) Rice
- (D) Corn
- (E) Soybeans
- (F) None of the above



Commodity	Performance	Volatility	Liquidity	Forecast	Price per Tonne
Wheat	6	5	6	4	£255.40
Oats	5	7	8	5	£259.20
Rice	5	6	7	8	£150.10
Corn	10	10	1	4	£190.30
Soybeans	5	4	7	9	£111.60

Ratings Key:

Extremely Low	Very Low	Low	Below Average	Medium	Above Average	High	Very High	Extremely High	Maximum
1	2	3	4	5	6	7	8	9	10

**Q8** You want to either invest in a commodity with no ratings at or below "Medium", or a commodity with an average "Performance" and "Liquidity" rating of "Above Average" or higher and a commodity with a "Price per Tonne" of £150 or lower. Which commodity do you invest in?

- (A) Wheat
- (B) Oats
- (C) Rice
- (D) Corn
- (E) Soybeans
- (F) None of the above

Commodity	Performance	Volatility	Liquidity	Forecast	Price per Tonne
Wheat	7	8	5	10	£111.00
Oats	9	8	1	9	£196.40
Rice	4	8	5	2	£143.80
Corn	10	6	6	6	£141.40
Soybeans	3	7	9	5	£283.40

Ratings Key:

Extremely Low	Very Low	Low	Below Average	Medium	Above Average	High	Very High	Extremely High	Maximum
1	2	3	4	5	6	7	8	9	10

**Q9** You consider "Performance" to be 50% more important than "Forecast", which you consider to be 30% more important than either of the other two ratings. With this in mind, which commodity would have the highest weighted average across all four ratings?

- (A) Wheat
- (B) Oats
- (C) Rice
- (D) Corn
- (E) Soybeans
- (F) None of the above

**End of test**