5-year Integrated MSc Economics entrance test format

Sections	Number of questions
English	25
General Knowledge and data interpretation	25
Numerical aptitude	25
Reasoning	25

2-year MSc Economics entrance test format

Sections	Number of questions
English, general knowledge and reasoning	25
Economics	50
Quantitative ability	25

Sample questions for the 5-year Integrated MSc Economics entrance test

English:

1. Which word is similar to SENSATION?
   a. Decision
   b. Hope
   c. Feeling
   d. Appreciation

2. Choose the most appropriate word for "that which completes".
   a. Complement
   b. Compliment
   c. Supplement
   d. Support

3. Sentences A and B are in their proper positions. Arrange P, Q, R and S in proper sequence.

A   For some time in his youth Abraham Lincoln was manager for a shop.

P   Then a chance customer would come.

Q   Young Lincoln's way of keeping shop was entirely unlike anyone else's.

R   Lincoln would jump up and attend to his needs and then revert to his reading.

S   He used to lie full length on the counter of the shop eagerly reading a book.

B   Never before had Lincoln had so much time for reading as he had then.

   a. SRQP
   b. QSPR
   c. SQRP
   d. QPSR

4. I will write a letter to you ….. the dates of the programme.
   a. Urging
   b. Guiding
   c. Indicating
   d. Involving

5. He listened to my request with **indifference**
   a. Displeasure
   b. Concern
   c. Disinterest
   d. Caution

General knowledge and data interpretation:

1. Who was the captain of the Indian T20 women's cricket team which finished runner up in the World Cup held at Australia in 2020?
   a. Mithali Raj
   b. Harmanpreet Kaur
   c. Shafali Verma
   d. Smriti Mandhana

2. Which of the following countries has become the first to make all forms of public transport free?
   a. German
   b. Monaco
   c. Sweden
   d. Luxembourg

3. Shantanu Narayen is the Indian-origin CEO of which US Company?
   a. Microsoft
   b. Accenture
   c. Adobe Systems
   d. Citi Bank

4. Who is the youngest chess grandmaster in India?
   a. D Gukesh
   b. R Praggnanandha
   c. P Negi
   d. K Sasikiran

5. Machu Pichu is an Incan city made of sparkling granite situated between two towering Andean peaks. Which country would you visit to see it?
   a. Peru
   b. Bolivia
   c. Brazil
   d. Ecuador

The data interpretation questions (a minimum of 5) will be asked based on a table or graph displayed.

Numerical aptitude:

1. A train of 100m length crosses a pole in 10 seconds. What is the speed of the train?
   a. 72 Km/hr
   b. 54 Km/hr
   c. 36 Km/hr
   d. 10 Km/hr

2. 75g of sugar solution has 30% sugar in it. Then the quantity of sugar that should be added to the solution to make the solution 70% sugar is:
   a. 125g
   b. 100g
   c. 120g
   d. 130g

3. There is a 10% loss if a watch is sold for Rs 1,440. At what price should it be sold to make a profit of 15%?
   a. Rs1,800
   b. Rs1,820
   c. Rs1,840
   d. Rs1,860

4. A company produces red, green and blue buckets in the ratio 2:7:4. If a week's production totals 7,774 buckets, how many green buckets are produced?
   a. 1,110
   b. 4,186
   c. 6,663
   d. 1,196

5. In a consignment of tomatoes, 339 were rotten, which was 15% of the total. How many good tomatoes were there?
   a. 2,260
   b. 1,921
   c. 5,080
   d. 398

Reasoning:

1. Which of the answer choices completes the same relationship with the third word?

Bread is to Bakery as Brick is to …

a. Furnace
b. Mine

c. Mint
d. Kiln

2. SCD, TEF, UGH, …, WKL
   a. CMN
   b. UJI

c. VIJ
d. IJT

3. Which word does not belong with the others?
   a. Dodge
   b. Flee
   c. Duck
   d. Avoid

4. Harish was looking through the family photograph album, which had a photo of each of his parents, grandparents, all the way up to each of his great-great-great-grandparents. How many photos were in the album?
   a. 12
   b. 48

c. 36
d. 62

5. When new television shows appeared during the month of January, five of the shows were sitcoms, three were hour-long dramas, and two were news-magazine shows. By December, only seven of these new shows were still on the air. Five of the shows that remained were sitcoms.
   a. Only one of the news-magazine shows remained on the air
   b. Only one of the hour-long dramas remained on the air
   c. Television viewers prefer sitcoms over hour-long dramas
   d. At least one of the shows that was cancelled was an hour-long drama

Sample questions for the 2-year MSc Economics entrance test

English, general knowledge and reasoning:

1. Identify the word which is opposite in meaning to CALATYST.
    a. Promoter
    b. Assassin
    c. Destroyer
    d. Deterrent

2. Select the correct meaning of *per se*.
    a. By itself
    b. Gossip
    c. As of now
    d. Spontaneous

3. 20, 19, 17, …, 10, 5
    a. 12
    b. 13
    c. 14
    d. 15

4. Which is the deepest lake in the world?
    a. Lake Superior
    b. Lake Baikal
    c. Lake Ontario
    d. Lake Victoria

5. What is the square root of 0.16?
    a. 0.004
    b. 0.04
    c. 0.4
    d. 4

Economics:

1. Average product of labour is defined as
   a. dQ/dL
   b. ΔQ/ΔL
   c. Q/L
   d. L/Q

2. The equilibrium prices in a duopoly market are obtained from the intersection of the two reaction curves. This holds true in the case of:
   a. Edgeworth model
   b. Chamberlain's model
   c. Bertrand's model
   d. None of the above

3. National product at current prices is higher than national product at constant prices during:
   a. Rising prices
   b. Falling prices
   c. Stable prices
   d. Changing costs

4. If change in investment is 25, marginal propensity to save is 0.5, marginal propensity to invest is 0, then the change in income will be:
   a. 25
   b. 50
   c. 200
   d. 100

5. The production function Y = F(K,L) states that:
   a. If K increase, L also needs to increase
   b. If K increase, L needs to decrease
   c. Only if K and L both increase, Y increases
   d. None of the above

Quantitative ability:

1. Which is true?
    a. $x^b \cdot x = x$
    b. $x^b / x^{b+1} = x$
    c. $x/x = x^0$
    d. $x^{b-1}/x^b = x$

2. In a binomial distribution, if p=q, then P(X=x) is given by
    a. $^nC_n p^{(n-x)}$
    b. $^nC_x p^{(n-x)}$
    c. $^nC_x (0.5)^n$
    d. $^nC_n (0.5)^n$

3. The mean of a distribution is 23, the median is 24, and the mode is 25.5. The distribution is:
    a. Positively skewed
    b. Symmetrical
    c. Asymptotic
    d. Negatively skewed

4. The sum of the dots when two dice are rolled is
    a. A discrete variable
    b. A continuous variable
    c. A constant
    d. A qualitative variable

5. Muticollinearity exists when
    a. Independent variables are correlated less than -0.7 or more than 0.7
    b. An independent variable is strongly correlated with the dependent variable
    c. There is only one independent variable
    d. The relation between the independent and dependent variables is non-linear

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