

Jio Institute Entrance Test (JET) for PGP in Sports Management

About Jio Institute Entrance Test (JET)

Jio Institute announced admissions for PGP in Sports Management. These are one-year full-time residential programmes. As a part of admission and selection process, the candidate is required to appear for Jio Institute Entrance Test (JET) after successful submission of online application form.

Jio Institute Entrance Test is online proctored (non-adaptive) test. JET can be taken from anywhere online by ensuring following general instructions:

- 1. **Internet Connectivity** - Ensure that you have a stable internet connection with a minimum speed of 512 kbps
- 2. **Do not Refresh** - Don't refresh the webpage during the assessment. This will lead to immediate submission of your responses.
- 3. **Auto Save** - All your responses are saved automatically. In case of disconnection or shutdown, you will still be able to resume easily.

Structure

Jio Institute Entrance Test (JET) for PGP in Sports Management has 5 sections – Quantitative Reasoning, Verbal Reasoning, Integrated Reasoning, Writing Skills and Current Affairs - Sports.

The five sections of this JET are individually timed. Test takers must answer questions of each section within the allotted time.

Section-wise Topic Coverage:

- Quantitative Reasoning:** Problem Solving, Numerical Ability and Data Sufficiency
- Verbal Reasoning:** Reading Comprehension, Sentence Completion, Sentence Correction, Sentence Formation
- Integrated Reasoning:** Critical Thinking and Data Analysis
- Writing Skills:** Essay Writing
- Current Affairs - Sports:** Sports General Knowledge

Total Questions: 89 Multiple Choice Questions + 1 Essay **Time allotted:** 135 Minutes

Section	No. of Questions	Time (Minutes)	Marks
Quantitative Reasoning	31	40	31
Verbal Reasoning	36	45	36
Integrated Reasoning	12	20	12
Writing Skills	1	15	10
Current Affairs - Sports	10	15	10
Total	90	135	99

▼ Question 1

An institute has 720 students. Today, 144 students are on leave. What percentage of the total students are present today?

Response:

OPTIONS	RESPONSE
20%	
51%	
68%	
80%	

▼ Question 2

Directions: The problem below consists of a problem followed by two statements.
Decide whether the data in the statements are sufficient to answer the question. Select your answer depending upon whether the data provided in:

(A) statement 1 alone is sufficient, but statement 2 alone is not sufficient to answer the question
(B) statement 2 alone is sufficient, but statement 1 alone is not sufficient to answer the question
(C) both statements taken together are sufficient to answer the question, but neither statement alone is sufficient to answer the question
(D) each statement alone is sufficient to sufficient to answer the question
(E) statements 1 and 2 together are not sufficient, and additional data is needed to answer the question.

Problem: Find the ratio of work efficiency of A and B.
Statement 1:A can complete the work in 20 days. If A is assisted by B in an alternate day then the same work is completed in 15 days.
Statement 2: A and B together can do the work in 12 days.

Response:

OPTIONS	RESPONSE
A	
B	
C	
D	
E	

▼ Question 3

In a linear sitting arrangement, A sits with B, C sits with A and not with D. What will be the arrangement, if C sits to the immediate left of A?

Response:

OPTIONS	RESPONSE
D, C, B, A	
C, A, B, D	
A, C, D, B	
B, C, D, A	

▼ Question 4

Five movies were released on five consecutive days of a week. An action movie was released on Saturday. The romantic movie was released two days before the thriller movie which was released one day before the horror movie. The comedy movie was released one day after the romantic movie, which was released on Tuesday.

Which days of the week have no movie releases?

Response:

OPTIONS	RESPONSE
Wednesday and Thursday	
Saturday and Sunday	
Sunday and Monday	
Sunday and Wednesday	

▼ Question 5

A and B undertake to complete a piece of work for \$200. A alone can do it in 24 days while B alone can do it in 30 days. With the help of P they finish the work in 12 days. How much should P be paid for his/her contribution towards the work?

Response:

OPTIONS	RESPONSE
\$20	
\$100	
\$180	
\$50	

▼ Question 6

There are 5 Rock songs, 6 Carnatic songs and 3 Indi pop songs. How many different albums can be formed using the above repertoire if the albums should contain at least 1 Rock song and 1 Carnatic song?

Response:

OPTIONS	RESPONSE
15624	
16384	
6144	
240	

▼ Question 7

One year payment to an employee is \$21,000 plus 900 shares in the company. The employee leaves after 8 months and receives \$12,000 and 800 shares. Find the price of 100 shares.

Response:

OPTIONS	RESPONSE
\$800	
\$1,000	
\$1,200	
\$2,000	

▼ Question 1

The following question consists of a sentence that is either partly or entirely underlined and may or may not have a grammatical error. Below each sentence are four versions of the underlined part of the sentence. Choose the option that correctly rephrases the underlined part of the given sentence. Mark the answer as ‘No Error’ if there is no error in the underlined part.

Besides giving me books, she also give me her notes.

Response:

OPTIONS	RESPONSE
She also gave me her notes	
She had gave me her notes	
She would be give me her notes	
She gave I her notes	
No error	

▼ Question 2

Rearrange the given phrases to form a complete sentence.
Note: The phrases numbered 1 and 6 are fixed.

1. The distinction on the basis

- (A) within the family,
- (B) of gender
- (C) in the community and
- (D) can be seen

6. even in public places.

Response:

OPTIONS	RESPONSE
B D A C	
A D B C	
B D C A	
A C D B	

▼ Question 3

Choose the correct option to complete the given sentence.

If I had not seen him before, I _____.

Response:

OPTIONS	RESPONSE
recognized him	
will recognize him	
will not recognize him	
would not have recognized him	

▼ Question 4

Identify the error in the given sentence.

The artificial kidney could have a transitional impact on the lives of people suffer from chronic kidney disease.

Response:

OPTIONS	RESPONSE
Chronic	
Disease	
Suffer	
Impact	

▼ Question 5

Arrange the following sentences in a logical order to construct a coherent paragraph.

- A. In 1996, its complete genome was the first to be sequenced from a eukaryotic organism – the more advanced tree of life.
- B. When breeding turned into a scientific discipline, it quickly became a model organism for biological experiments.
- C. The single-cell organism has been exploited by human societies to produce alcoholic beverages or bread for more than 4,000 years.
- D. If dog has been man's best friend for thousands of years or more, the humble yeast has long been man's second-best friend.
- E. Like any animal or plant that mankind domesticated, there has been a particular interest in the study and optimization of yeast.

Response:

OPTIONS	RESPONSE
A B C D E	
D C E B A	
E C A B D	
C D B E A	

Read the following passage and answer the given questions.

A freak accident in a pharmacy led to the invention of one of the most popular commercial drinks in the history of mankind; Coca-Cola. John S Pemberton, a physicist based in Atlanta, Georgia, was selling a popular nerve tonic called ‘French Wine Cola – The ideal tonic for nerves’. One fateful day in 1986, John inadvertently added fizz water to the base concoction instead of the required plain water, thus, the drink Coca-Cola was born.

Coca-Cola has enjoyed tremendous success post its adaptation as a commercial soft-drink and along with another drink, Pepsi, has grown into a globally recognized brand. According to some reports, over the past hundred years, it has possibly become the most popular soft-drink across the world. Today, old memorabilia and products such as old limited edition cans, old bottles, posters etc related to Coca-Cola fetch astonishing sums of money from collectors. Not to be surprised, there are even exclusive stores which deal in these collectibles.

Yet, apart from all this hype, an important question remains unanswered. Is there any specific reason for its unprecedented popularity and success? Even though the manufacturers themselves cannot term their product as healthy by any means, how has Coca-Cola come to symbolize the American way of life? Although it basically is just a combination of artificial flavour, sugar, acids and carbonated water, those ingredients are considered to cause health issues if taken regularly over a period of time. Added to that is the fact that it contains phosphoric acid, which is deemed to cause damage to the human teeth.

While some people argue that the reason for Coca-Cola’s popularity lies in its brand name since the original recipe included flavouring from the cocoa plant, others attribute the success to the company’s efficient marketing strategies such as unique advertisements, catchy slogans & tunes, and its emphasis on a carefree lifestyle. Yet another line of reasoning is that caffeine is added to the mix, and people get hooked to its stimulating effect, thus pushing the sales higher. Regardless of the reasons, no other company, including Pepsi, has been able to match Coca-Cola in its effective branding campaigns and marketing ploys, which is the true reason behind its success story.

All of the following can be cited as reasons for Coca-Cola's global success EXCEPT:

Response:

OPTIONS	RESPONSE
Flavour of the drink	
Stimulating effect of caffeine in the drink	
Effective marketing strategies	
Symbol of American way of carefree life	

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Yet, apart from all this hype, an important question remains unanswered. Is there any specific reason for its unprecedented popularity and success? Even though the manufacturers themselves cannot term their product as healthy by any means, how has Coca-Cola come to symbolize the American way of life? Although it basically is just a combination of artificial flavour, sugar, acids and carbonated water, those ingredients are considered to cause health issues if taken regularly over a period of time. Added to that is the fact that it contains phosphoric acid, which is deemed to cause damage to the human teeth.

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Select a suitable title for the passage.

Response:

OPTIONS	RESPONSE
Coca-Cola: A More Popular Brand than Pepsi	
Wrong Roads Often Lead to Right Destinations	
The History of Coca-Cola	
Good Branding Result in Successful Companies	

▼ Question 1

Notice: Non-availability of a train is not a valid excuse for not reaching office on time.

Which of the following can be concluded from the information given?

Response:

OPTIONS	RESPONSE
One has to reach office on time even if he/ she fails to catch a train.	
One can reach the office on time using many other modes of conveyance.	
There cannot be any excuse for not reaching office on time.	
Availability of a train is the only valid reason for reaching office on time.	

▼ Question 2

Despite school X employing more teachers, who are qualified, thereby reducing the student-to-teacher ratio, the number of students moving to the school Y is increasing.

Which of the following, if true, would resolve the paradox?

Response:

OPTIONS	RESPONSE
The quality of teachers at school X is good.	
Facilities provided by the school Y are better.	
Student-teacher ratio is important.	
Facilities of school X were improved last year.	

Carol is applying for a position as a data entry operator for company ABC. She has more than ten years of work experience as a data entry operator. Therefore, she is an efficient data entry operator.

Which of the following assumptions is the above conclusion based on?

Response:

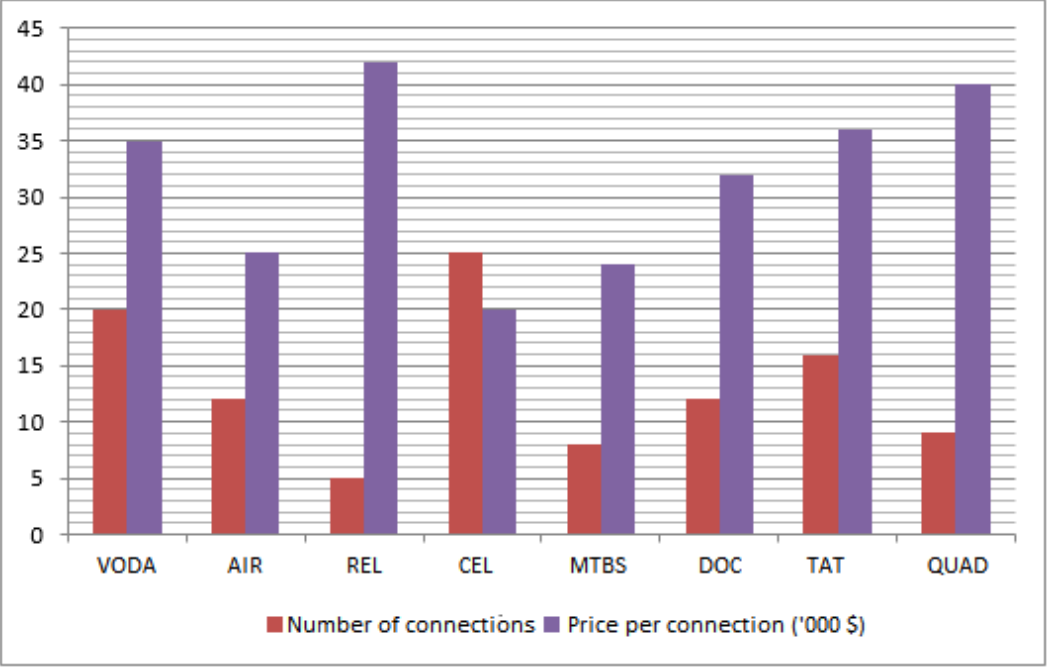
OPTIONS	RESPONSE
Ten years of work experience ensures efficiency in data entry operations.	
The type of data entry work required by company ABC is identical to the work Carol had been doing.	
Company ABC is not going to get a better data entry operator than Carol.	
Carol is an outstanding and excellent data entry operator.	

Directions : The questions given below are based on the graph. Read the graph carefully and answer the questions that follow.

The graph given below shows the Number of connections sold by different telecom companies in a particular month and the Price per connection (in '000 \$).

Example: Price per connection of VODA is \$35,000 and the number of connections sold by VODA is 20.

Also, the revenue generated by the sale of those connections = Price per connection * Number of connections.



Question: Which connection had the greatest contribution towards the total revenue?

Response:

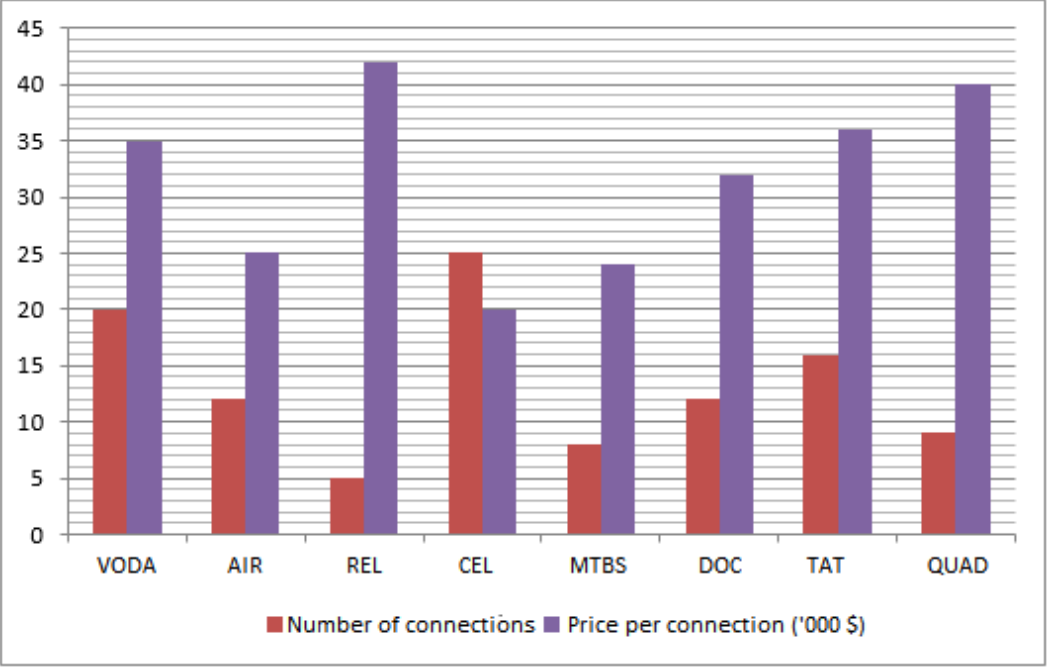
OPTIONS	RESPONSE
Rel	
Cel	
Tat	
Voda	

Directions : The questions given below are based on the graph. Read the graph carefully and answer the questions that follow.

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Example: Price per connection of VODA is \$35,000 and the number of connections sold by VODA is 20.

Also, the revenue generated by the sale of those connections = Price per connection * Number of connections.



Question: Approximately what percent of the connections sold have a price greater than the mean revenue generated per connection?

Response:

OPTIONS	RESPONSE
38%	
44%	
58%	
63%	

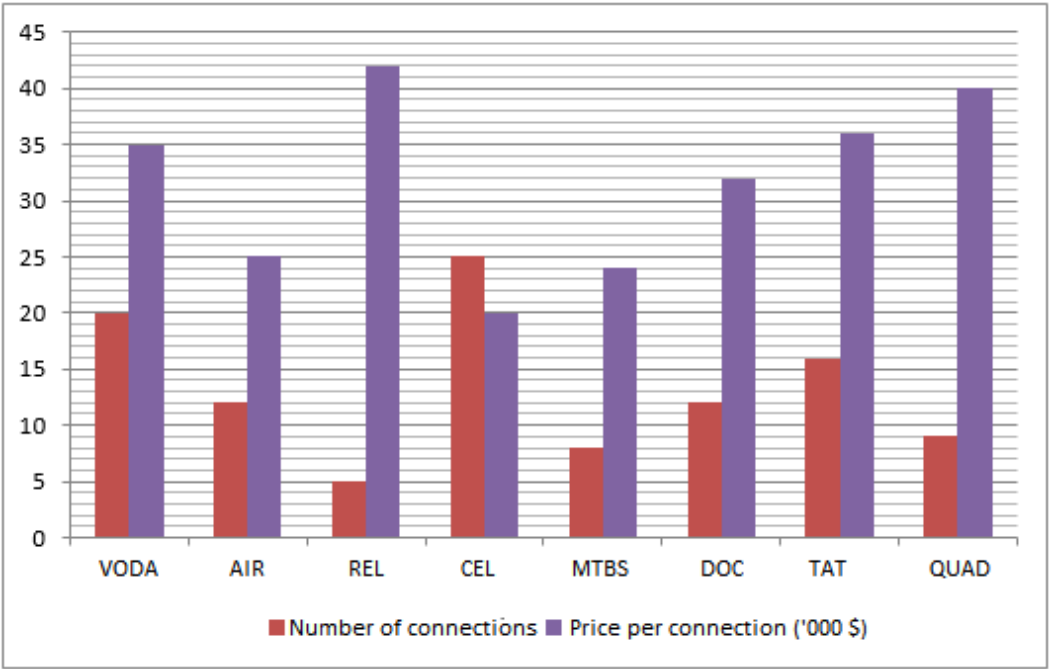
▼ Question 6

Directions : The questions given below are based on the graph. Read the graph carefully and answer the questions that follow.

The graph given below shows the Number of connections sold by different telecom companies in a particular month and the Price per connection (in '000 \$).

Example: Price per connection of VODA is \$35,000 and the number of connections sold by VODA is 20.

Also, the revenue generated by the sale of those connections = Price per connection * Number of connections.



Question: What is the highest percent share of revenue of a telecom company assuming the above represents the only companies in the telecom sector?

Response:

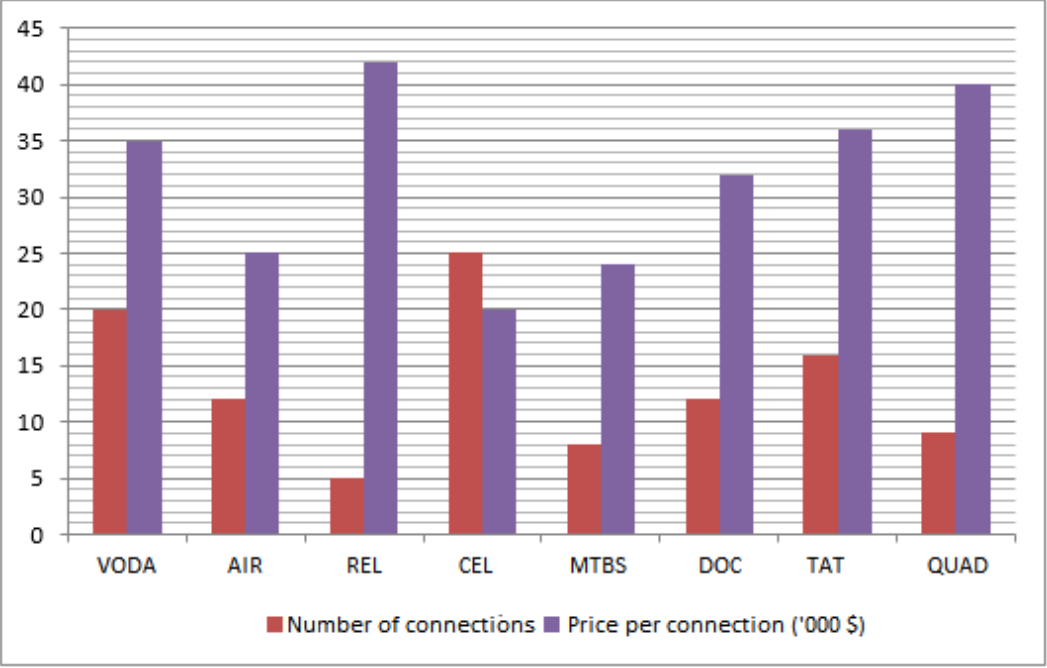
OPTIONS	RESPONSE
18.5%	
21.7%	
24.1%	
29.3%	

Directions : The questions given below are based on the graph. Read the graph carefully and answer the questions that follow.

The graph given below shows the Number of connections sold by different telecom companies in a particular month and the Price per connection (in '000 \$).

Example: Price per connection of VODA is \$35,000 and the number of connections sold by VODA is 20.

Also, the revenue generated by the sale of those connections = Price per connection * Number of connections.



Question: What is the difference ('000 \$) between the median price and mean revenue generated per connection?

Response:

OPTIONS	RESPONSE
2.39	
3.29	
3.83	
3.38	

▼ Question 1

Express your views in **not more than 200 words** on the given topic:

The effect of fast food on health

Response:

Hai

Test Taker's response word count is less than minimum prescribed word limit(40 words)

PARAMETER (WEIGHTAGE)	VALUE	MARKS SCORED	REMARKS
Coherence to topic (60%)	Very Low (0.0)	0.0	Very Low
Grammar (30%)	Very Low (0.0)	0.0	<u>Very Low</u>
Spellings (10%)	Very Low (0.0)	0.0	Very Low
Vocabulary (0%)	Very Low (0.0)	0.0	Very Low

▼ Question 1

Among the given players, who will be the skipper of team India in ICC Men's T20 World Cup 2022?

Response:

OPTIONS	RESPONSE
MS Dhoni	
Virat Kohli	
Hardik Pandya	
Rohit Sharma	

▼ Question 2

Name the Olympic game designed for specially abled people.

Response:

OPTIONS	RESPONSE
Aged Olympics	
Summer Olympics	
Paralympic Games	
Winter Olympics	

▼ Question 3

Yoshihito Nishioka, who won the men's singles title at the Korean Open tennis in Seoul was from which country ?

Response:

OPTIONS	RESPONSE
Japan	
India	
China	
North Korea	

▼ Question 4

Who is known as the 'Flying Sikh of India'?

Response:

OPTIONS	RESPONSE
Milkha Singh	
Lala Amarnath	
Dara Singh	
Mohan Singh	

▼ Question 5

Which country won the maximum number of medals in Winter Olympic Games Beijing 2022?

Response:

OPTIONS	RESPONSE
Switzerland	
Sweden	
Norway	
Germany	

▼ Question 6

Which of the given nations did not qualify for the FIFA World Cup 2022?

Response:

OPTIONS	RESPONSE
Senegal	
Ecuador	
Cameroon	
Egypt	

▼ Question 7

Which state will be hosting the 37th National Games in October 2023?

Response:

OPTIONS	RESPONSE
Tamil Nadu	
Rajasthan	
Himachal Pradesh	
Goa	

▼ Question 8

Deepika Kumari is a famous Indian sports personality associated with which sport?

Response:

OPTIONS	RESPONSE
Badminton	
Hockey	
Cricket	
Archery	

▼ Question 9

Which nation was the first runner-up in the last FIFA World Cup of 2018?

Response:

OPTIONS	RESPONSE
Croatia	
Argentina	
Portugal	
France	

▼ Question 10

Which country won the Junior Men's Hockey World Cup 2021 title?

Response:

OPTIONS	RESPONSE
Argentina	
India	
Spain	
Germany	

