



Class: SSC Batch
Subject: English Literature
Graphs & Charts

What is a graph or chart?

A graph is a diagram representing a system of connections or interrelations among two or more things by a number of distinctive dots, lines, bars, etc. Mathematics. a series of points, discrete or continuous, as in forming a curve or surface, each of which represents a value of a given function..

In short

A **graph** is a mathematical diagram which shows the relationship between two or more sets of numbers or measurements.

Synonyms: diagram, figure, table, chart

You will need to describe trends, compare and contrast data or report statistical information.

In order to do well in this section, you need to know specific vocabulary related to describing trends.

Verbs to describe an upward trend

The following verbs can be used to describe a trend or pattern that goes up.

- climb (past: climbed)
- go up (past: went up)
- grow (past: grew)
- increase (past: increased)
- jump (past: jumped)
- rise (past: rose)
- rocket (past: rocketed)

Sentence examples using words that show an upward trend:

- The number of enrolments increased significantly between 2005 and 2010.
- Production rose from 800 units in May to 1000 units the following month.

Verbs to describe a downward trend

The following verbs can be used to describe a trend or pattern that goes down.

- decline (past: declined)
- decrease (past: decreased)
- drop (past: dropped)
- fall (past: fell)
- go down (past: went down)
- plummet (past: plummeted) = to fall or drop suddenly in amount or value
- plunge (past: plunged) = to fall or drop suddenly in amount or value

Plunge and *Plummet*, when describing trends, have the same meaning.

Sentence examples using words that show a downward trend:

- Prices of Model X dropped significantly once Model Y became available on the market.
- Company profits decreased in 2013 by 15%.

Words and phrases used to describe a stable trend

To describe a more or less stable pattern, you can use the following expressions:

- maintain (past: maintained)
- remain (past: remained)
- stay (past: stayed)
- constant
- stable
- steady
- unchanged

Adverbs used when describing trends

Adverbs describe HOW something happens. They usually come after a verb.

- sharply, rapidly, quickly, steeply
- considerably, significantly, substantially
- steadily, gradually, moderately
- slightly, slowly

To see the degree of intensity of these adverbs, look at the chart below.

TOP: *reached a peak / peaked / reached its highest level /*

BOTTOM: *bottomed out / sank to a trough / the lowest level*

Summary Chart

DESCRIBING TRENDS www.grammar.cl
www.vocabulary.cl

Verbs to describe
rise
jump
grow
climb
go up
increase
rocket

Verbs to describe
fall
drop
decline
decrease
go down
plunge
plummet

Adverbs to describe... HOW?
sharply quickly
rapidly steeply
considerably
significantly
substantially
steadily
gradually
moderately
slightly
slowly

How to describe
stay
remain +
maintain
constant
steady
stable

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Nouns used when describing trends

- decline
- decrease
- dip (a momentarily small drop in the level of something)
- drop
- fall
- fluctuation (= an irregular rising and falling in number or amount; a variation)
- growth
- increase

- peak (= the highest point)
- rise
- slump (= a severe or prolonged fall in the price, value, or amount of something)
- variation (= a change or difference in condition, amount, or level)

Rules of describing graphs and chart

- Start with an introductory sentence. For example-

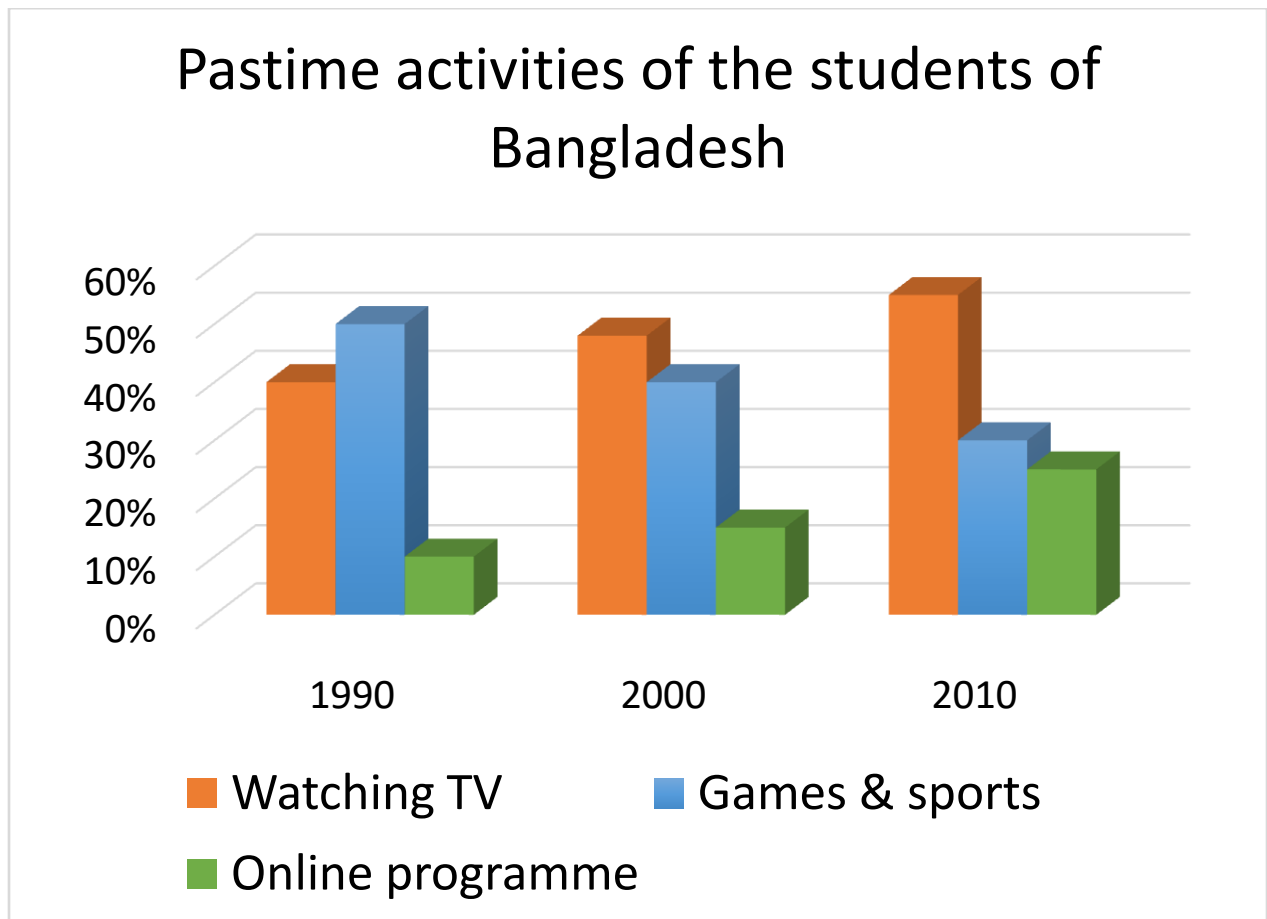
The graph/chart shows/represents/indicates/highlights/provides/gives.....

- Make a general comment on the main trend of the graph or chart.
- Now give a detailed description of the trends with information and data.
- In this part compare and contrast the trends.
- Then summarize the trends.
- Draw a general conclusion.

Use the verbs, nouns, adjectives & adverbs mentioned before to describe the trends

- Look at the important trends or characteristics and give a general overview.
- Normally use verbs in the [past tense](#) when describing trends though always look for dates to confirm which tense to use.
- Do not write about things that do not appear in the graph, just describe the information that appears.
- Don't forget to mention the units mentioned such as percentage, lakhs thousands, crores, dollars, etc.

The graph below shows 'Pastime activities of the students of Bangladesh' from 1990-2010. Describe the graph in 150 words. You should highlight and summarize the information given below.



With the passage of time, people's pastime activities are also changing. **Here the graph shows** different types of pastime activities of the students of Bangladesh.

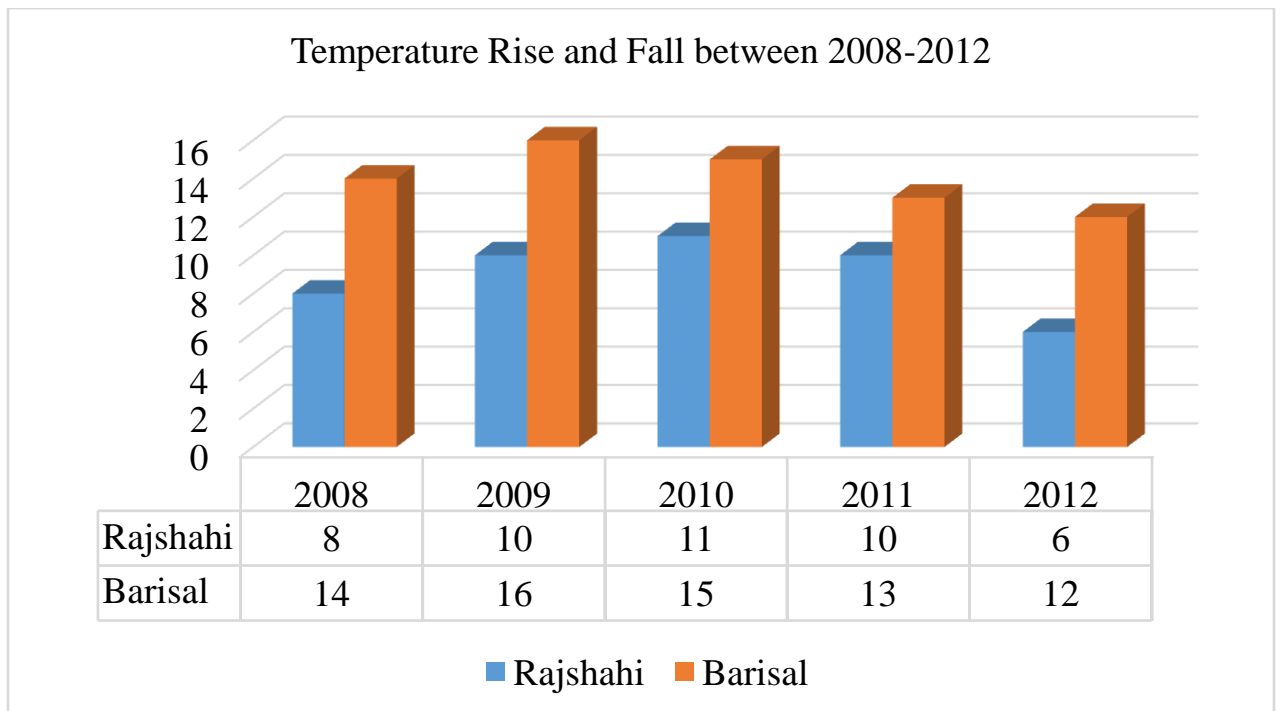
As we see in the graph, in 1990, 40% of the students watched TV, 50% participated in games and sports and 10% got themselves engaged in online program as their pastime activities. **After a decade** in 2000, the number of TV viewers **increased** to 48% **but** the number of students participating in games and sports **came down** to 40%. **In the same year,** the percentage of students spending time on online program **rose** to

15%. In 2010, the number of TV viewers **increased** further and **stood** at 55% **while** the percentage of participants in games and sports **decreased** to 30%. But the percentage of the students spending time on online program **increased** to 25%.

Thus, it is clear that in compliance with the age and available facilities the students are choosing their pastime activities. Actually, the facilities for sports and games getting reduced and the students are getting inclined to indoor pastime activities

Assignment

The graph below shows the winter temperature (in average) of Rajshahi and Barisal in the years between 2008 and 2012. Write a paragraph on the graph in 150 words. (Count the values in °C)



Thank You

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