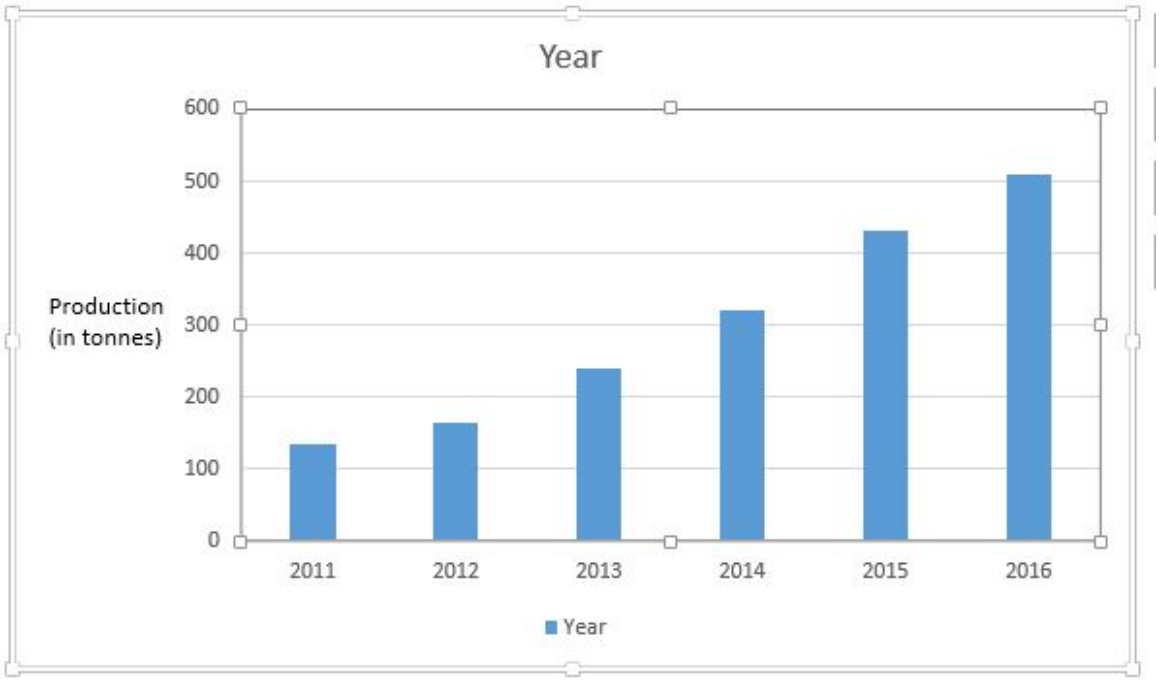
Chapter 3 – Diagrammatic Presentation

Question 1

The below-mentioned data is of a cement factory (2011 – 16). Arrange a bar diagram.

Year	2011	2012	2013	2014	2015	2016
Production (in M. Tonnes)	135	165	240	320	430	510

Answer:

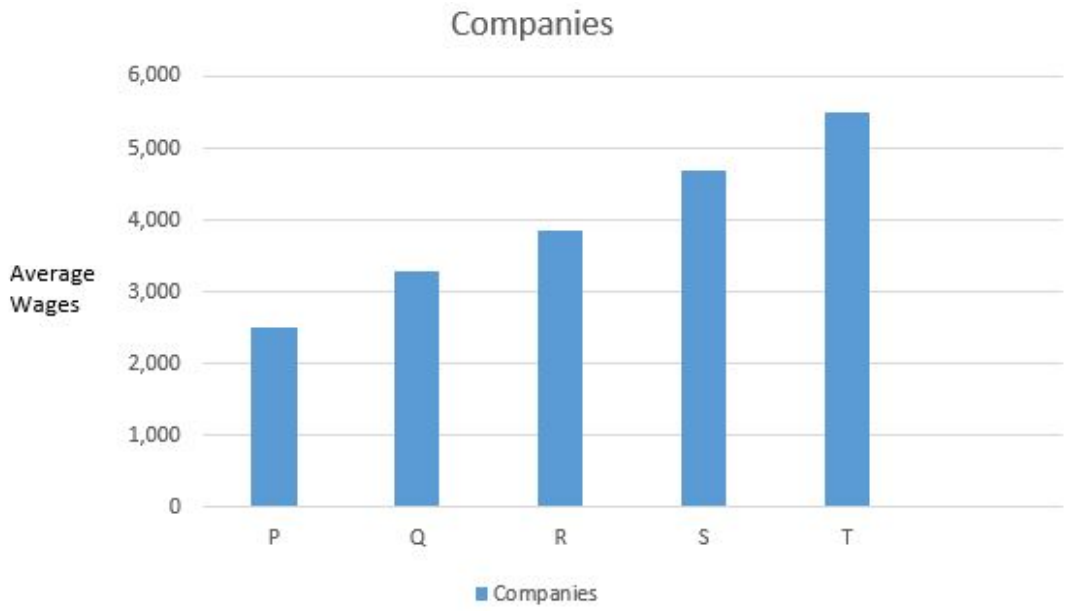


Question 2

Few companies average wages are mentioned below. Prepare a bar diagram.

Companies	P	Q	R	S	T
Average Wages	2,500	3,300	3,850	4,700	5,500

Answer:

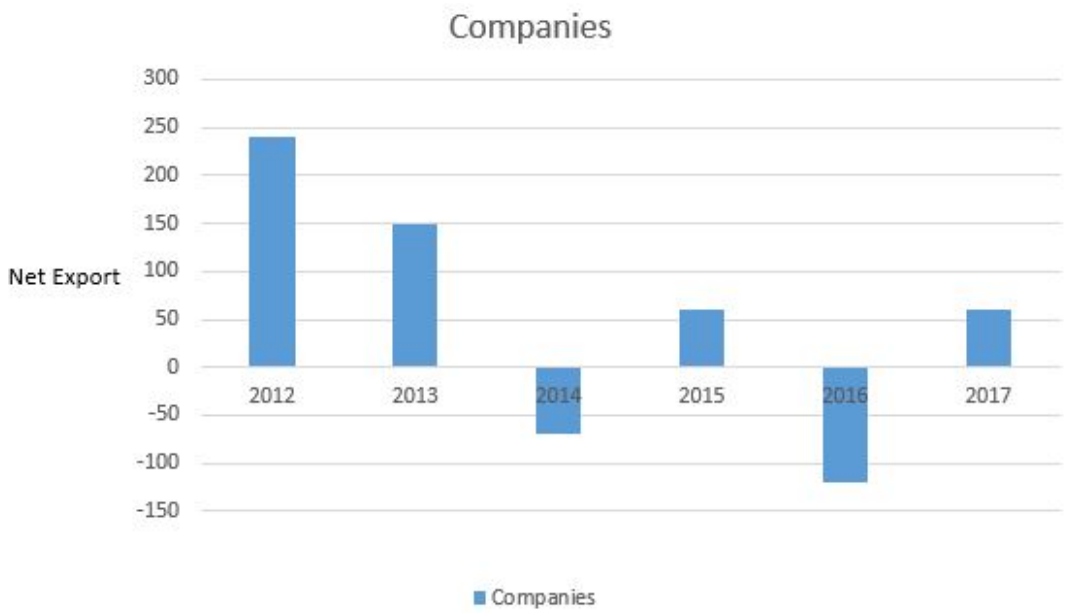


Question 3

Prepare a bar diagram from the following net export data a firm.

Year	2012	2013	2014	2015	2016	2017
Net Exports (in Crores)	240	150	(−)70	60	(−)120	60

Answer:



Question 4

Draw a pie diagram with a determined percentage break-up for the construction of a house.

Bricks	Labour	Steel & timber	Marble	Cement	Miscellaneous

20%	12%	25%	15%	13%	15%

Construct a pie diagram to represent the given data.

Answer:

The percentage values are converted into degree values using the following formula.

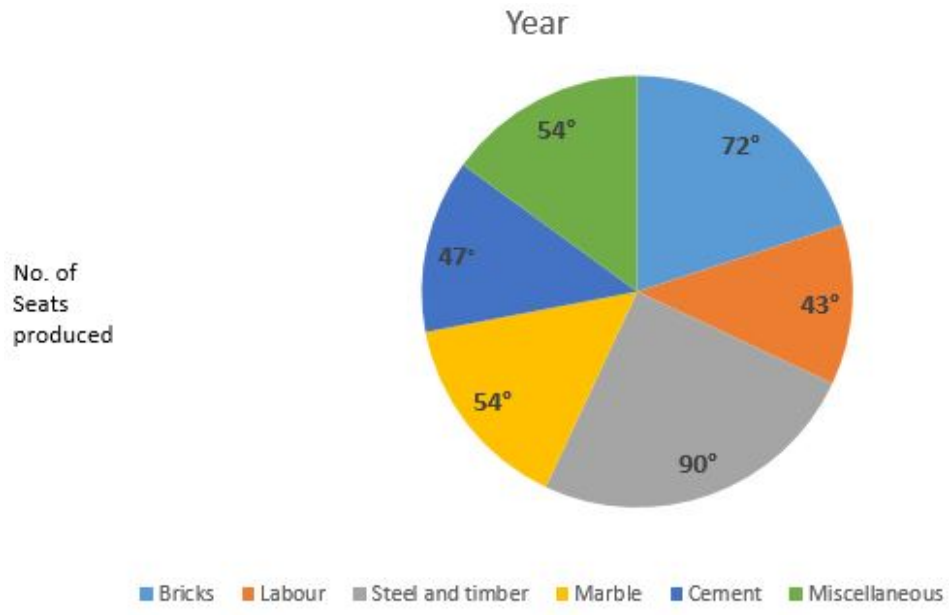
Degree share = %share/100×360

= Percentage share × 3.6

Degree share= Percentage share100×360

= Percentage share × 3.6

Items	Expenditure (in %)	Degree Share
Bricks	20	20 × 3.6 = 72°
Labour	12	12 × 3.6 = 43.2°
Steel and timber	25	25 × 3.6 = 90°
Marble	15	15 × 3.6 = 54°
Cement	13	13 × 3.6 = 46.8°
Miscellaneous	15	15 × 3.6 = 54°
		360°



Question 5

Present a bar diagram from the below table gives information about a company that produces a number of seats for different years.

Year	No. seat produced
2012-13	6,000
2013-14	8,500
2014-15	12,000
2015-16	14,600
2016-17	18,000

Answer: