cracku

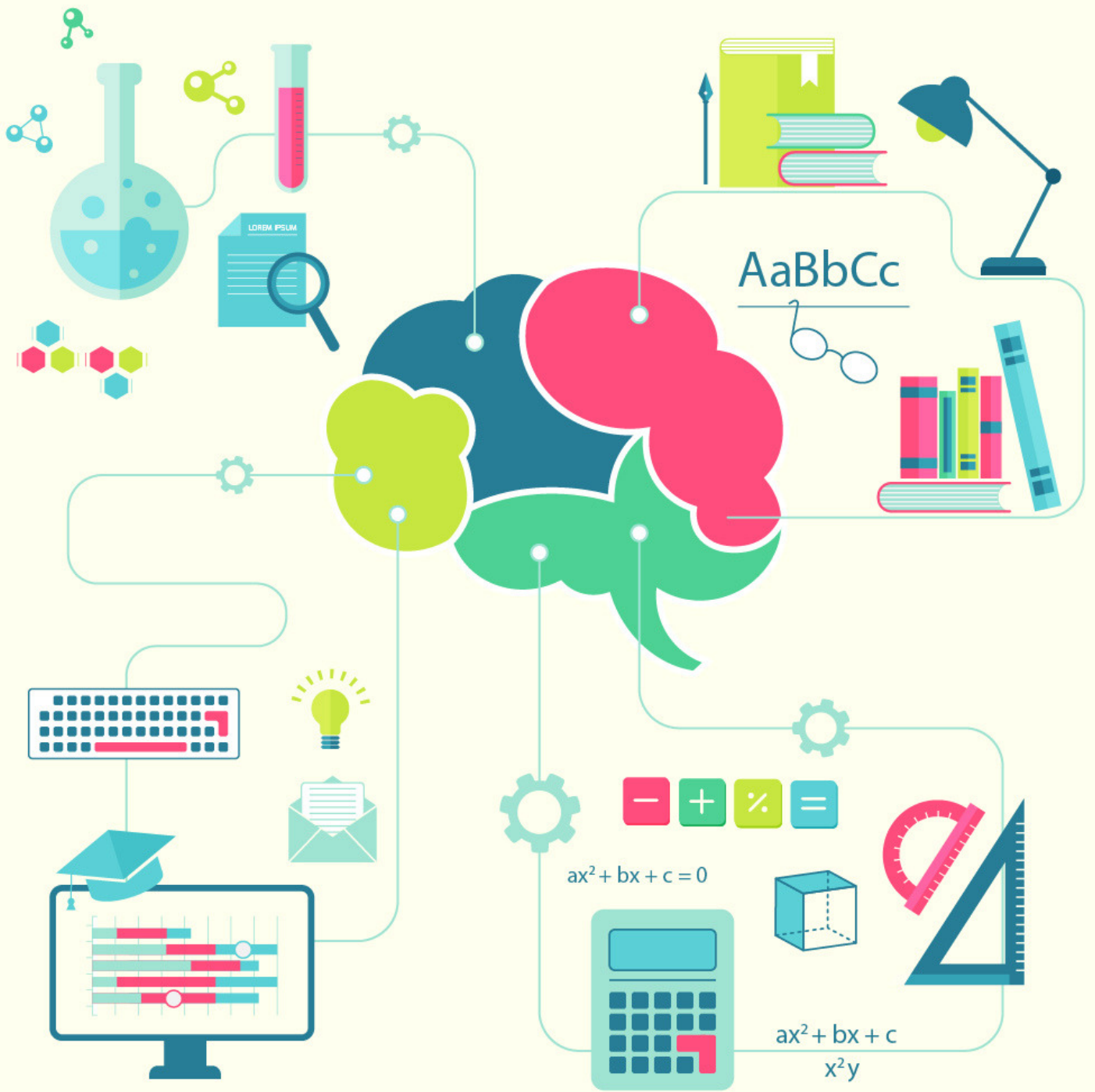# Data Interpretation Questions for SSC CGL

04 April 2018

Instructions:

Study the following bar diagram carefully and answer the following questions.

The number of the production of electronic items (TVs and LCDs) in a factory during the period from 2009 to 2013.

Question 1:

The total number of products of electronic items is maximum in the year

a) 2009
b) 2010
c) 2011
d) 2013

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Question 2:

The ratio of production of LCDs in the year 2011 and 2013 is

a) 3 : 4
b) 4 : 3
c) 2 : 3
d) 1 : 4

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Question 3:

The difference between averages of production of TVs and LCDs from 2009 to 2012 is

a) 600
b) 700
c) 800
d) 900

Question 4:

The ratio of production of TVs in the years 2009 and 2010 is

a) 7 : 6
b) 6 : 7
c) 2 : 3
d) 3 : 2

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Solutions 1 to 5

1) Answer (c)
Total no. of electronic items in :
2009 = 6000 + 7000 = 13000
2010 = 9000 + 9400 = 18400
2011 = 13000 + 9000 = 22000 [MAX]
2012 = 11000 + 10000 = 21000
2013 = 8000 + 12000 = 20000
=> Total production is maximum in 2011

2) Answer (a)
Total production of LCD's in 2011 = 9000
Total production of LCD's in 2013 = 12000
Require ratio = 9000/12000 = 3 : 4

3) Answer (d)
Total no. of TV's produced from 2009 to 2012 = 6000 + 9000 + 13000 + 11000
=> 39,000
Average production of TV's over these four years = 39000/4 = 9750
Total no. of LCD's produced from 2009 to 2012 = 7000 + 9400 + 9000 + 1000 = 35,400
Average production of LCD's over these four years = 35400/4 = 8850
=> Required Difference = 9750 - 8850 = 900

4) Answer (c)
No. of TV's produced in 2009 = 6000
No. of TV's produced in 2010 = 9000
=> Required ratio = 6000/9000 = 2 : 3

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