Quant Mega Quiz for SSC CGL Tier - 2

Directions (1-5): Distance travel by five vehicle (in kms) in five days.

Vehicle \ Days	Monday	Tuesday	Wednesday	Thursday	Friday
A	1000	800	700	950	1200
B	740	700	850	550	280
C	740	250	1150	700	660
D	650	100	250	300	500
E	380	120	525	440	900

Q1. What is the ratio of speed of the vehicle A to B on Tuesday, if they take equal time to travel on Tuesday.
(a) 6 : 1
(b) 8 : 7
(c) 4 : 3
(d) 5 : 2

Q2. What is the average distance travel by the B on Thursday, D on Monday and E on Friday.
(a) 650
(b) 550
(c) 750
(d) 700

Q3. What is the difference between the total distance travel by C all over days to the distance travel by all vehicle on Wednesday.
(a) 20 km
(b) 35 km
(c) 25 km
(d) 5 km

Q4. What is the ratio of distance covered by D from Monday to Wednesday to distance traveller by E form Wednesday to Friday?
(a) 401 : 373
(b) 4 : 5
(c) 200 : 221
(d) 200: 373

Q5. By what percent distance travel by D and E on Friday is more or less to the distance travel by A, B and C on Tuesday

(a) 20%

(b) 25%

(c) 40%

(d) 50%

Directions (6-10): Study the following table and answer the questions accordingly

Table shows production of mobile phone in different companies in different years (in thousand)

Year	Nokia	Samsung	MI	Moto	Lenovo
2006	69	91	71	15	100
2007	75	88	75	18	120
2008	81	97	79	21	102
2009	98	107	88	25	131
2010	93	110	92	24	143
2011	99	116	97	20	154
2012	105	122	103	25	163

Q6. Which mobile phone company witnessed highest growth rate in production from 2006 to 2012?

(a) Nokia

(b) MI

(c) Lenovo

(d) Moto

Q7. Total phones produced by Nokia is what percent of total phones produced by MI over all years? (approximately)

(a) 102%

(b) 95%

(c) 105%

(d) 98%

Q8. What is the ratio of total production of company Nokia to the total production of Company Lenovo in all the years together?

(a) 630 : 913

(b) 620 : 913

(c) 913 : 630

(d) 620 : 917

**Q9. What is the ratio of total phones produced in year 2008 to total phones produced in year 2011?**

(a) 190:243

(b) 243:190

(c) 177:220

(d) 199:240

Q10. Which mobile phone company witnessed the minimum growth rate in production from 2006 to 2010?
(a) Moto
(b) MI
(c) Samsung
(d) Nokia

Directions (11-15): The following pie chart shows the distribution of Beauty products sold by six different companies (in angular format) in the year 2017. Study the graph carefully and answer the related questions.

Total products sold = 2,16,000
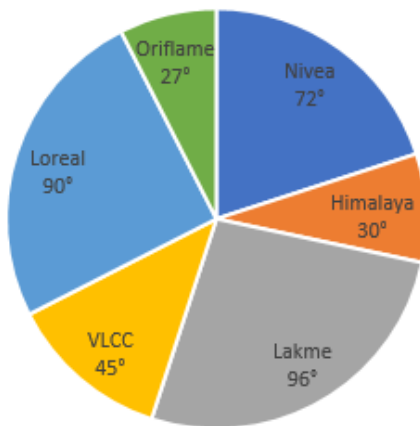
Q11. Total number of beauty products sold by Nivea and Loreal together is approximately what percent more or less than that of products sold by Lakme and Oriflame together?
(a) 32% less
(b) 32% more
(c) 25% more
(d) 18% less

Q12. If $33\frac{1}{3}$% out of total products sold by Nivea were face wash, $16\frac{2}{3}$% out of total products sold by the same company were face cream and rest were other beauty creams then find the other beauty cream sold by Nivea.
(a) 20,600
(b) 26,100
(c) 21,600
(d) 24,400

Q13. What is the average number of beauty products sold by Lakme, VLCC and Himalaya?
(a) 34,200
(b) 32,400
(c) 32,600
(d) 28,600

Q14. What is the ratio of beauty products sold by Loreal and Himalaya together to that by VLCC and Oriflame together?
(a) 5 : 7
(b) 7 : 5
(c) 3 : 5
(d) 5 : 3

Q15. If Lakme makes a net profit of 25% by selling its total product in Rs. 17.28 lakhs then find cost price of each Lakme product. (It is assumed that cost price of each Lakme product is same).
(a) Rs. 36
(b) Rs. 32
(c) Rs. 24
(d) Rs. 20

Directions (16-20): Study the following line graph and answer the questions based on it.

Number of watches (in thousand) sold by two companies over the years
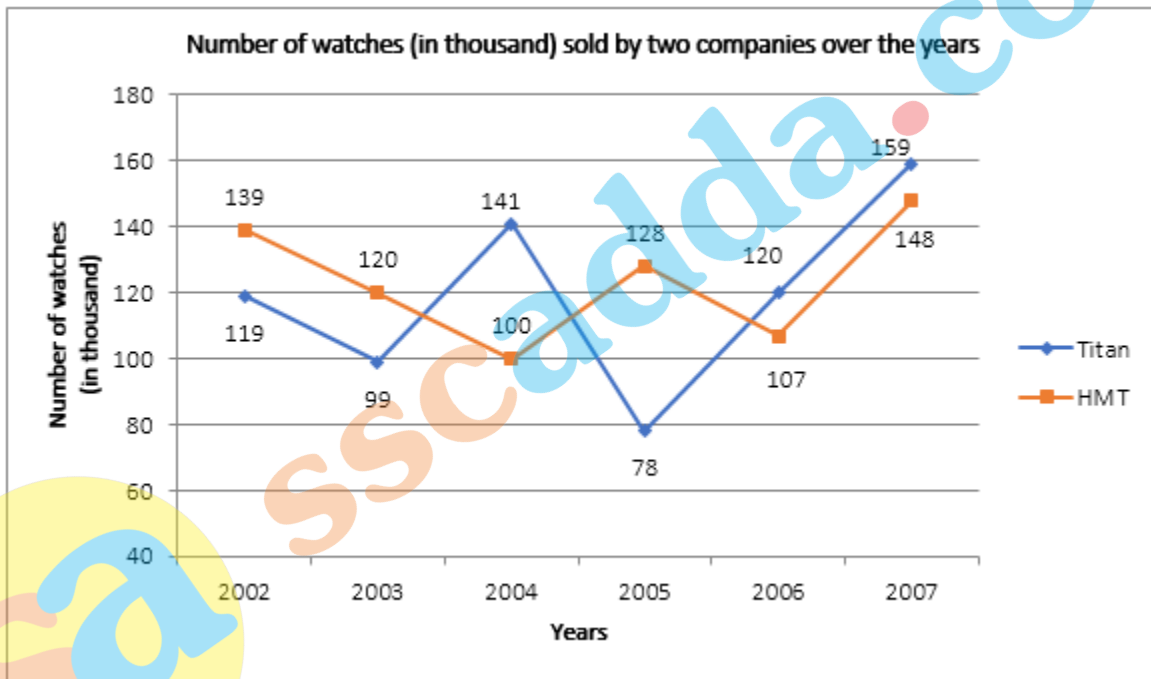
Q16. What is the difference between the number of watches sold by HMT company in 2004 and 2005?
(a) 50,000
(b) 42,000
(c) 33,000
(d) 28,000

Q17. What is the difference between the total watches sold by these two companies in all the given years?
(a) 19,000
(b) 22,000
(c) 26,000
(d) 28,000

Q18. What is the average numbers of watches sold by Titan company over the given period?

(a) $119333\frac{1}{3}$

(b) $113666\frac{2}{3}$

(c) $112778\frac{1}{5}$

(d) $111223\frac{2}{3}$

Q19. In which of the following year, the difference between the number of watches sold by Titan company and HMT is the maximum in the given years?

(a) 2002

(b) 2003

(c) 2004

(d) 2005

Q20. The number of watches sold by company HMT in 2004 was approximately what per cent of the number of watches sold by Titan company in the same year?

(a) 175%

(b) 110%

(c) 132%

(d) 72%

Directions (21-25): Read the following line graph carefully and answer the questions given below:

Line graph shows the male voters and female voters in 5 different cities (in thousands)
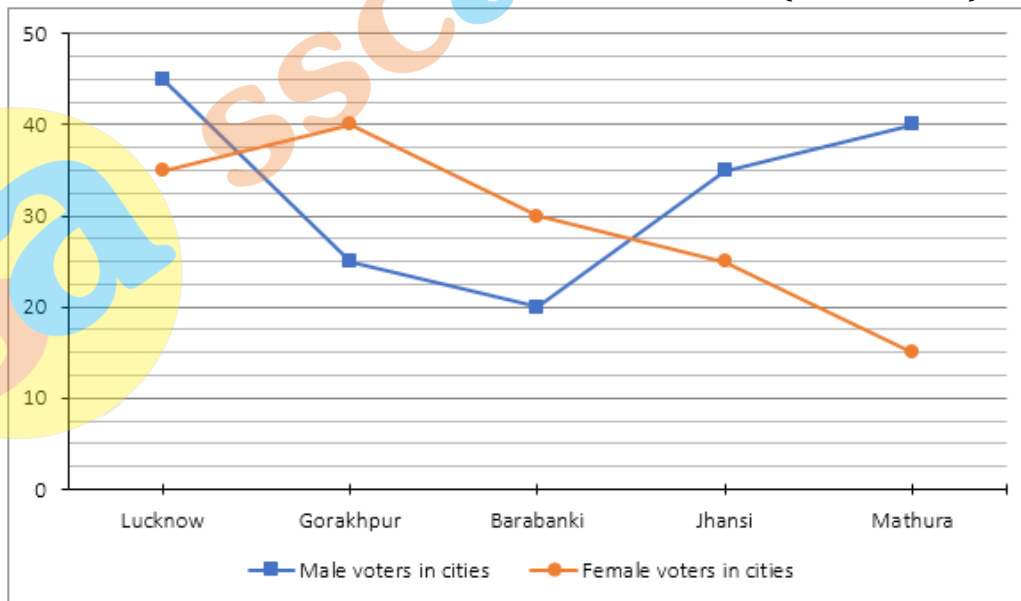
Q21. What is the ratio of male voters in Lucknow and Barabanki together to the female voters of rest cities together ?

(a) 39 : 16

(b) 16 : 13

(c) 26 : 15

(d) 13 : 16

Q22. Find the total number of male voters in all cities together (in thousands)?
(a) 180
(b) 170
(c) 155
(d) 165

Q23. Find the total number of male voters in Gorakhpur, Barabanki and Mathura together is what percent more or less from the total female voters in Lucknow, Barabanki and Jhansi together ? (approximate manner)
(a) 5.5% less
(b) 3% more
(c) 2.5% less
(d) 7% less

Q24. If total married voters in Lucknow and Mathura together is 45% of total voters in Gorakhpur, then find the married voters in Lucknow and Mathura together ?
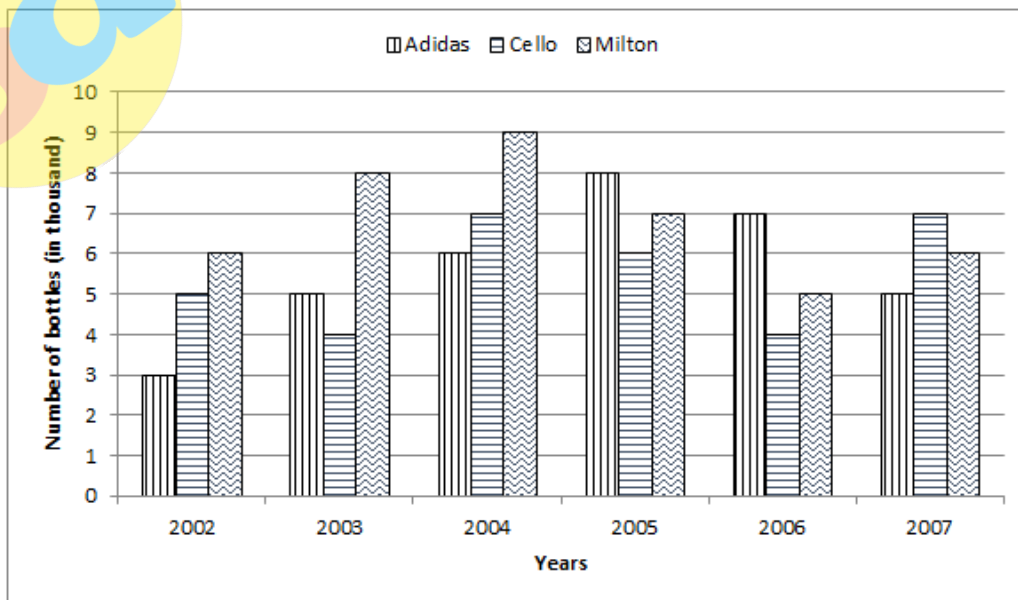(a) 29,250
(b) 50,000
(c) 45,450
(d) 30,450

Q25. Find the difference between the male voters and female voters in all cities together ?
(a) 15 thousand
(b) 18 thousand
(c) 20 thousand
(d) 28 thousand

Directions (26-30): Study the following graph carefully to answer the questions that follow:

Number of bottles (in thousands) of three different companies in six different years

Q26. What was the percentage increase in bottles of company Milton in year 2004 as compared to that in the previous year?
(a) 11.5%
(b) 11.25%
(c) 15.5%
(d) 12.5%

Q27. What was the difference between the number of bottles in all the three companies together in the year 2005 and the number of bottles in company Cello over all the years together?
(a) 12000
(b) 11000
(c) 1100
(d) 1400

Q28. What was the approximate average number of bottles of Adidas company over all the years together?
(a) 5999
(b) 5666
(c) 5444
(d) 5333

Q29. In which year was the number of bottles in all the three companies together the second highest?
(a) 2003
(b) 2004
(c) 2005
(d) 2006

Q30. Total number of bottles of Adidas and Cello companies together in the year 2007 was what percent of the total number of bottles of company Adidas in the year 2005?
(a) 150%
(b) 120%
(c) 250%
(d) 220%