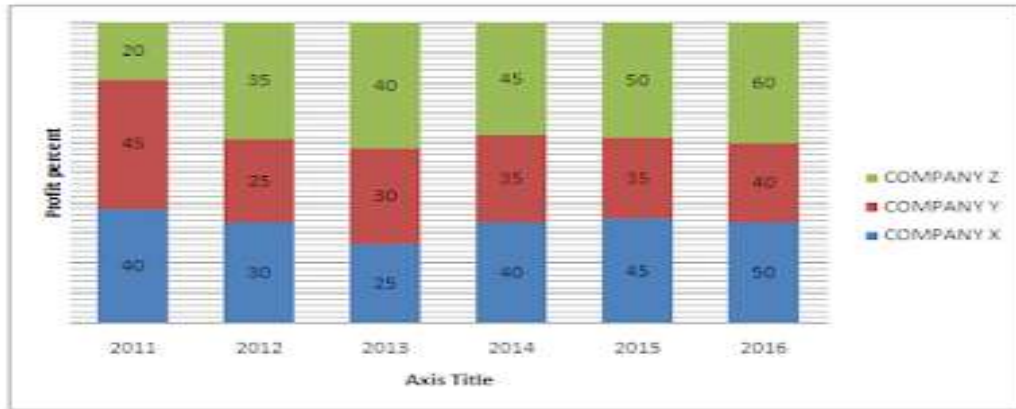# ANUSHKA ACADEMY

APTITUDE QUIZ

Directions (Q.1 - 5): Study the graph carefully to answer the questions that follow.

Q1. If profit for company Y in 2012 is 2000 and expenditure in 2013 for company Y is 50,000, then what is the total revenue in 2013 for Y? Give that total revenue = expenditure + profit.

(a) 52600

(b) 54200

(c) 53280

(d) 55800

(e) None of these

Q2. If profit in year 2015 for company Z is 3000 and profit of company X in 2013 is equal to profit of company Z in 2014 then what is the profit of company X in 2013

(a) 1500

(b) 4000

(c) 3500

(d) 2000

(e) 2500

Q3. What is the average percentage increase in profit for company Y over all the years.

(a) 49%

(b) 32%

(c) 23%

(d) 38%

(e) 35%

Q4. What was the approximate percent increase in percent increase of profit of company X in the year 2014 from its previous year
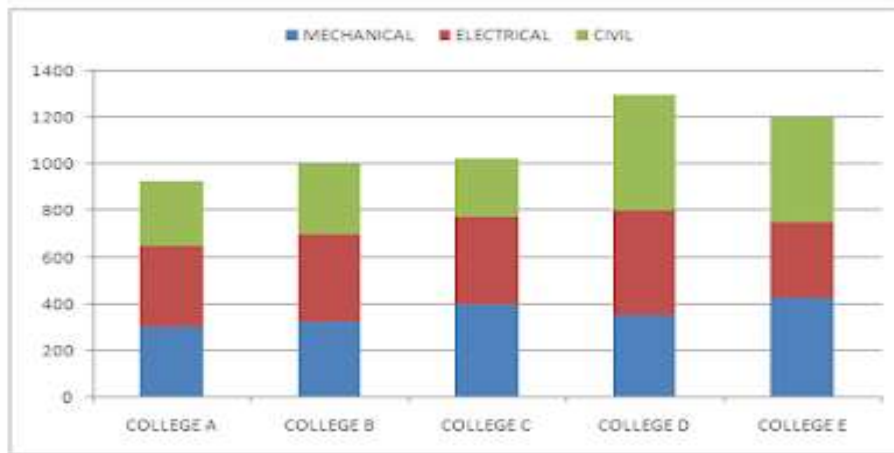
(a) 60%

(b) 65%

(c) 55%

(d) 50%

(e) 70%

Q5. If profit earned by company Y in 2014 is 27,000 and by company Z in 2014 is 43500 then what is the total profit earned by them in year 2013?

(a) 25,000

(b) 35,000

(c) 40,000

(d) 50,000

(e) None of these

Directions (Q6 – 10): Study the following graph carefully and answer the questions given below

Number of students enrolled in mechanical, electrical and civil branches of five different colleges in the year 2016

Q6. Ratio of number of male to female students in electrical discipline from college B is 16 : 9 and total professors from same college and same branch is 100/9% of total female students from the same branch and same college then, find total number of professor in electrical branch from college B.

(a) 18

(b) 15

(c) 20

(d) 22

(e) 25

Q7. If number of male student in civil branch from college D and male students in mechanical branch from college A are equal then what is the percentage of female students in mechanical branch of college A ? Give that ratio of male to female students in civil branch from college D is 13 : 12

(a) $33\frac{1}{3}\%$

(b) $16\frac{2}{3}\%$

(c) $13\frac{1}{3}\%$

(d) $\frac{22}{7}\%$

(e) None of these

Q8. If 20% of students in civil branch from college E are transferred to civil branch of college C then find the ratio of students in civil from college C to the total students from college E now.

(a) 34/111

(b) 23/222

(c) 23/111

(d) 34/113

(e) None of these

Q9. Average of students in electrical branch from all colleges are what percent less/more than the average students in Civil branch from all colleges together? (Approximately)
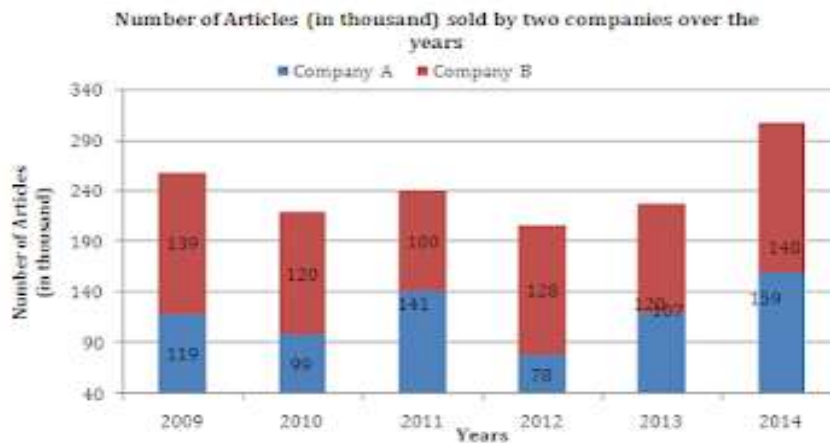
(a) 12%

(b) 8%

(c) 4%

(d) 7%

(e) 6%

Q10. If 20% of total students from College D are failed in yearly exam, 75% of total students are passed from college E in yearly exams then what will be total students in college D and E together in year 2017 if 400 more students are enrolled in 2017 from both colleges D and E together (consider both colleges were opened in 2016 and enrollment is cancelled when a student fails in exam)

(a) 2340

(b) 2900

(c) 2440

(d) 2800

(e) None of these

Directions (Q11-15): Study the following line graph and answer the questions based on it.

Number of Articles (in thousand) sold by two companies over the years

■ Company A ■ Company B

Q11. What is the ratio of number of articles sold by company A in year 2010, 2012 and 2014 together to the number of articles sold by company B is 2011, 2013 and 2014?

(a) 336/375

(b) 436/453

(c) 353/553

(d) 342/451

(e) None of these

Q12. If 24% of articles sold by company A in 2013 and 22% of articles sold by company A in 2014 are defective. Then defective articles sold by A in 2013 and 2014 are what percent less than articles sold by company B in 2010 and 2012 together? (Approx)

(a) 70%

(b) 74%

(c) 80%

(d) 72%

(e) None of these

Q13. What is the approximate difference between the average of articles sold by company A and B in over the given period?

(a) 4320

(b) 3320

(c) 4333

(d) 3333

(e) None of these

Q14. Number of articles sold by company A in 2009, 2011 and 2013 together is approximately what percent more than the average of article's sold by company B in year 2012, 2013 and 2014?

(a) 190%

(b) 200%

(c) 197%

(d) 180%

(e) None of these

Q15. If number of articles sold by company B in 2015 is 78% more than the difference between articles sold by company A and Company B in 2014 then find the approximately increase are decrease in the articles sold by company B in 2015 from previous year

(a) 77% increase

(b) 87% decrease

(c) 77% decrease

(d) 92% decrease

(e) None of these

ANSWERS

1. A

2. D

3. E

4. A

5. D

6. B

7. C

8. A

9. E

10. A

11. A

12. D

13. C

14. C

15. B