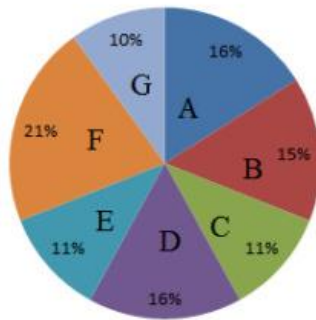


Study the following carefully and answer the questions that follow

Percentage of employees in 7 departments



Departments	% of Males
A	38
B	52
C	42
D	51
E	49
F	46
G	58

- If the number of male employees in department A is 12160, what is the number of employees in department D?

A. 29800
B. 28000
C. 32700
D. 34000
E. 32000
- In the number of employees in department D is 32000, then find the number of male employees in department B.

A. 16800
B. 14300
C. 15600
D. 14000
E. 11600
- Find the ratio of male employees in department F to that in department C.

A. 21 : 11
B. 23 : 11
C. 25 : 13
D. 27 : 16
E. 19 : 9
- If the number of male employees in department A is 12160, then find the number of employees in department E.

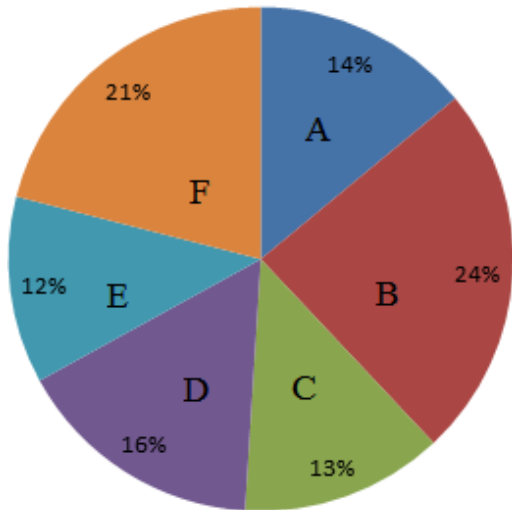
A. 29100
B. 20100
C. 23400
D. 21000
E. 22000
- The number of employees in department B is 30, 000. If next year, the number of employees in departments B and G increase by 10% each, then find the number of male employees in department G next year.

A. 11560
B. 12760
C. 18340

- D. 12540
- E. 14360

Study the following carefully and answer the questions that follow

A survey is taken in 6 cities of a state. The pie chart shows the distribution of people in each city with total 8,40,000 people.



6. Number of people in city B is how much percent greater than the number of people in city D?
- A. 8%
 - B. 50%
 - C. 15%
 - D. 35%
 - E. 42%
7. What is the total number of people in cities C, E and F?
- A. 3,86,400
 - B. 3,45,670
 - C. 3,24,500
 - D. 3,67,400
 - E. 3,66,400
8. What is the ratio between number of people in cities F and C together and that in B and E together?
- A. 16 : 17
 - B. 15 : 22
 - C. 17 : 20
 - D. 17 : 18
 - E. 18 : 23
9. If there are 65% males in city B, 49% females in city D and 47% males in city E, then females in these cities form what percent of total number of people in these three cities?
- A. 52.33%
 - B. 45.37%
 - C. 32.56%
 - D. 44.08%

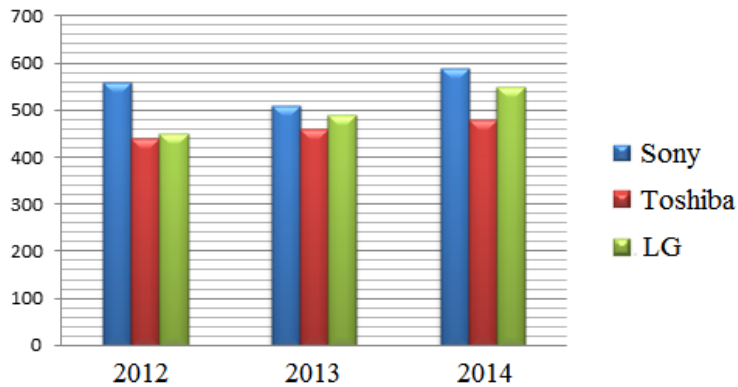
E. None of these

10. Number of people in city A is what percent of the number of people in city C?

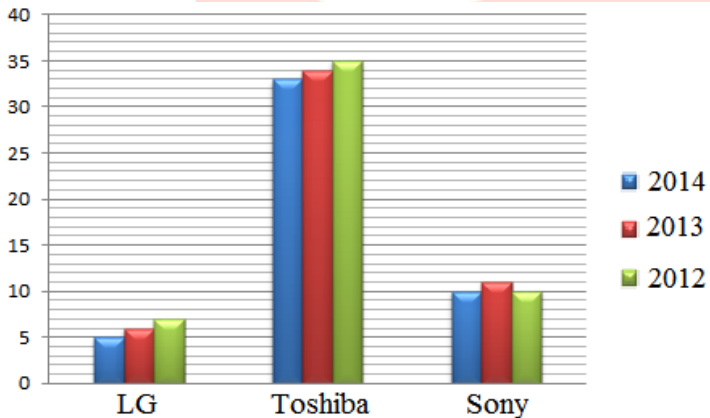
- A. 111.91%
- B. 123.25%
- C. 107.69%
- D. 119.31%
- E. 126.22%

Study the following carefully and answer the questions that follow

The bar graph shows the number of sales of Televisions (in Thousands) each year by three companies in 3 consecutive years.



The line chart shows the average price per television (in Thousands Rupees) for these three consecutive years.



11. How much money (in million) did Toshiba make for the year 2013?

- A. 19800
- B. 18260
- C. 12700
- D. 15640
- E. 12330

12. What is the average number of Televisions sold per year over the given three years?

- A. 1680
- B. 1430
- C. 1560
- D. 1400

E. 1510

13. What percent of total money generated by selling Televisions from Toshiba in 2014?

- A. 61%
- B. 64%
- C. 52%
- D. 78%
- E. 56%

14. What is the percent change in the average price of television in the year 2013 compared to the year 2012?

- A. 1.9% increased
- B. 2.9% decreased
- C. 1.9% decreased
- D. 2% increased
- E. 3.0% decreased

15. If in 2015, Sony wants to decrease the average price of its each Television by 10% then how many Televisions they have to sell (in thousands) so that the amount of money generated by selling Televisions remains unchanged compared to the previous year?

- A. 615.60
- B. 655.50
- C. 683.40
- D. 625.40
- E. 643.60

Study the following table and answer the following

Products	Sales (in lakhs) in 2012	Percentage growth in the sales over the previous years		
		2013	2014	2015
A	2	5	10	10
B	3	8	10	20
C	3.6	10	10	12
D	3	9	10	12

16. Find the difference between the sales of products A and B in the year 2015.

- A. 154320
- B. 173580
- C. 143420
- D. 185280
- E. 165890

17. Find the ratio of sales of product C in 2014 to the sales of product D in 2015.

- A. 875 : 654
- B. 825 : 763
- C. 962 : 744
- D. 796 : 733
- E. None of these

18. What is the percentage increase in sales of all the four products in 2014 as compared to 2012?

- A. 14.22

- B. 15.67
- C. 20.97
- D. 18.35
- E. 19.19%

19. Of all the products, which product showed the highest percentage increase in total sales at the of 2015 in four years?

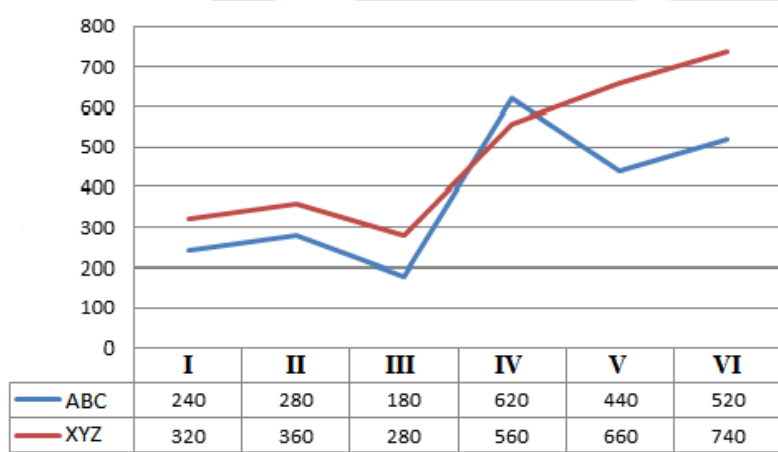
- A. A
- B. B
- C. C
- D. D
- E. None of these

20. If the ratio of defective to non-defective A products is 2 : 3 in 2012 while that of products C is 4 : 5 in same year, then what is the ratio of defective A products to non-defective B products in 2012?

- A. 1 : 4
- B. 4 : 7
- C. 3 : 7
- D. 2 : 5
- E. 2 : 7

Study the following chart carefully and answer the questions that follow

The chart shows the number of students in six 6 classes of 2 different schools ABC and XYZ.



21. What is the difference between the students of class II and IV in school ABC and the students of class I and V in school XYZ?

- A. 90
- B. 120
- C. 80
- D. 50
- E. 110

22. What is the ratio of number of students in classes I and IV in school ABC to number of students in classes II and VI in school XYZ?

- A. 23 : 56
- B. 45 : 59
- C. 43 : 55

- D. 25 : 41
- E. None of these

23. Students in school ABC are approximately what percent lesser than students in school XYZ?

- A. 15%
- B. 27%
- C. 33%
- D. 12%
- E. 22%

24. If from school ABC, 5% and 10% of students of classes IV and I respectively gets shifted to same respective classes in school XYZ, then find the average number of students in classes I and IV in school XYZ.

- A. 429
- B. 553
- C. 467
- D. 429
- E. 534

25. Students in class V in school ABC is what percent of the number of students in classes II and III together in school XYZ?

- A. 64.78%
- B. 68.75%
- C. 75.75%
- D. 99.35%
- E. 102.55%

Study the following information carefully to answer the given questions.

Seven people, namely P,Q,R,S,T,U and V like seven different movies namely The Avengers, Titanic, The Dark Knight, Jurassic Park, Avatar, Iron Man 2 and Batman Begins but not necessarily in the same order. Each person also works in the same office but at a different department on the basis of experience namely Administration (ADMIN), Marketing & Sales, (M&S), Accounts (ACC), Production (PO), Quality Management (QM), Human Resources (HR), and Public Relations (PR), but not necessarily in the same order. Each person also like different colors namely viz – Brown, Red, Purple, Yellow, Black, Blue and White.

Note: Each person has been allocated to a department as per increasing order of experience with the one in ADMIN being the least experienced whilst the one in PR Being the most experienced.

The person who likes Avatar also likes the Black color. Persons who have the least experience and most experience like red and white color respectively. Only one person has less experience than U. The one who has less experience than U likes Jurassic Park. Only one person has more experience than P. P does not like Brown. The one in Marketing and Sales like Purple. The one in HR likes Avatar. Only two people have more experience than the one who likes The Avengers. V likes Batman Begins and has more experience than the one who likes The Avengers. S has less experience than the one in PO, but more experience than the one who likes The Dark Knight. T neither has the least experience than the one who likes The Dark Knight. T neither has the least experience nor he works in QM. Q does not work in QM. The one who likes Titanic does not work in PO. The person who likes Iron Man 2 has more experience than the one who likes Yellow. The one in Quality Management likes Blue.

26. As per the given arrangement, ADMIN is related to White and PR is related to Black in a certain way. To which of the following is ACC related to the same way?

- A. White
- B. Red

- C. Purple
- D. Yellow
- E. Blue

27. Which of the following pairs of people who have more experience than P less experience than S?

- A. V, P
- B. V, U
- C. R, V
- D. T, Q
- E. R, P

28. Which combination represents the department that T works in and the movie he likes?

- A. QM – The Avengers
- B. PO – The Dark Knight
- C. PO – Iron Man 2
- D. ACC – Jurassic Park
- E. ADMIN – Jurassic Park

29. Who amongst the following likes Yellow?

- A. S
- B. R
- C. P
- D. Q
- E. Other than those given as options

30. Which of the following movies does Q like?

- A. The Dark Knight
- B. Iron Man 2
- C. The Avengers
- D. Jurassic Park
- E. Titanic

Study the following information carefully to answer the given questions.

Seven persons – A, B, C, D, E, F and G – attended a farewell party in the months of February, March, April May, July, October and December but not necessarily in the same order. Each one of them likes different stationery items viz., Pen, Pencil, Scale, Sharpener, Eraser, Marker pen and Box but not necessarily in the same order. Each person also like seven different chocolates namely viz – Perk, 5 Star, Munch, Dairy Milk, Kit Kat, Milky Bar and Snickers.

The one who likes Eraser attended farewell party in the month having less than 31 days. There is only one person between A and the person who likes Eraser. The person who likes 5 Star attend the farewell party immediately before the one who likes Milky Bar and immediately after the one who likes Perk. The one who likes Scale attended farewell party immediately before A. C attended farewell party immediately after A. Only two persons attended farewell party between C and B. The person who likes Snickers attend the farewell party immediately before the one who likes Munch. G attended farewell party in that month which has less than 31 days. F attended farewell party immediately after G. Only one person attended farewell party between A and the who likes Sharpener. F does not like Dairy Milk. A does not like Marker pen. The one who likes pen attended farewell party immediately before the one who like box. There are two persons attend the party between the one who likes Perk and the one who likes Snickers. E does not like scale. The person who likes Marker pen attended the farewell party in the month having less than 31 days. The person who likes Perk attend the farewell party on one of the months after March which has less than 31 days.

31. Which of the following stationery items is liked by C?
- Pen
 - Sharpener
 - Marker Pen
 - Pencil
 - Box
32. Which of the following combinations of Month-Person-Stationery Item-Chocolate is correct?
- March – G – Pen – Dairy Milk
 - July – A – Pen – Milky Bar
 - October – E – Marker Pen – 5 Star
 - May – C – Scale – Kit Kat
 - April – F – Eraser – Snickers
33. Which of the following statements is true with respect to the given arrangement?
- C attended farewell party in October
 - A likes Box
 - D attended farewell party immediately before E.
 - E attended farewell party in July
 - None of the given statements is true
34. Who among the following attended the farewell party in May?
- F
 - A
 - C
 - D
 - B
35. Who among the following likes Milky Bar?
- E
 - C
 - A
 - G
 - B

Study the following information carefully to answer the given questions

Seven Persons – M, N, O, P, Q, R and S – live on separate floors of a seven storeyed building, but not in the same order. The ground floor of the building is numbered 1, the floor above it 2 and so on until the topmost floor is numbered 7. Each person likes different cartoon characters, viz, Chipmunk, Flinstone, Jetson, Popeye, Scooby Doo, Simpson and Tweety, but not necessarily in the same order. Each person also likes different colours namely viz, Yellow, Orange, Red, Black, Blue, Brown and Purple.

More than three persons sit between the one who likes Yellow and the one who likes Orange. The person who likes Popeye lives on floor numbered 4. Only two persons live between P and the one who likes Popeye. The persons who live on the ground floor and the topmost floor don't like Orange. M does not live on the lowermost floor. M lives on any odd numbered floor below the one who likes Popeye. S lives on an even numbered floor but neither immediately above nor immediately below the floor of M. The person who likes Jetson does not like Yellow. Only two persons live between M and the person who likes Tweety. Only one person lives between N and R. The person who likes Orange lives exactly between the persons who like Brown and Blue. R lives on an even numbered floor and does not like Popeye. Only three persons live between the persons who like Chipmunk and Jetson respectively. The person who likes Chipmunk live on any floor above the N's floor. The person who likes Chipmunk does not live on the

topmost floor. O does not like Chipmunk or Jetson. Only two persons live between the one who likes Purple and the one who likes Brown. The person who likes Scooby Doo lives on the floor immediately above the floor of the person who likes Simpson. N does not like neither Purple nor Red.

36. How many persons live between the floors on which S and P live?

- A. Three
- B. Two
- C. Four
- D. Five
- E. No one

37. Which of the following statements is/are true according to the given information?

- A. Q lives on floor numbered 5 and he does not like Black
- B. M likes Scooby Doo and he does not live on floor numbered 5
- C. O likes Yellow and he lives on the topmost floor
- D. Only two persons live between the floors of Q and R
- E. All the statements are true.

38. Who among the following lives on the floor immediately above the floor of S?

- A. N
- B. R
- C. S
- D. O
- E. No one

39. Who among the following does like Purple?

- A. P
- B. R
- C. M
- D. Q
- E. S

40. Who among the following does like cartoon character Popeye?

- A. R
- B. P
- C. N
- D. Q
- E. S

Study the following information carefully to answer the given questions

Seven people A, B, C, D, E, F and G were appointed to a company on seven different days of the same week starting from Monday to Sunday (but not necessarily in the same order). Each person also plays a different game namely – Cricket, Hockey, Football, Squash, Volleyball, Tennis and Kho-Kho. (but not necessarily in the same order). Each person has a different number of medals starting from 1 to 9.

There are four persons play between the person who has the maximum number of medals and the person who has the minimum number of medals. Only two people were appointed after the one who plays Hockey. The persons who play on Sunday and Monday don't have the maximum number of medals while the persons who play on Saturday and Tuesday don't have the minimum number of medals. E was appointed on one of the days after the one who plays Hockey. Only three people were appointed between E and G. Only one person was appointed between G and the one who plays Volleyball. The difference between the total number of medals secured by the person D and F is one. A was appointed immediately after the one who plays volleyball. only three people were appointed after the one who plays Kho-Kho. C

was appointed immediately after F but not on Friday. The number of medals secured by Person A is the square of the number of medals secured by B. Total number of medals secured by the person who plays Hockey is the multiple of the number of medals secured by G and B. Only one person was appointed between F and the one who plays cricket. B was appointed immediately after the one who plays cricket. More than two people were appointed between D and the one who plays tennis. E does not play Football and Tennis. Person D secured more medals than the Person F. The number of medals secured by Person C is the Square of the number of medals secured by G. Total number of medals secured by G is less than 3. The total number of medals secured by B is less than 4.

41. Who amongst the following was appointed on Thursday?

- A. The one who plays Kho-Kho
- B. A
- C. B
- D. The one who plays Cricket
- E. F

42. Which of the following statements is true as per the given arrangement?

- A. Only one person was appointed between F and the one who plays Squash
- B. Only three people were appointed before C
- C. A Secured 8 medals.
- D. B was appointed on Saturday
- E. None of the given options is true

43. The person who plays Volley Ball was appointed on which of the following days?

- A. Thursday
- B. Tuesday
- C. Sunday
- D. Monday
- E. Saturday

44. Which of the following combinations will be definitely true as per the given arrangement?

- A. C – Squash – 6
- B. Thursday – D – Tennis
- C. Saturday – Cricket – 7
- D. Monday – Volleyball – 7
- E. F – Kho-kho – 4

45. B secured how many medals?

- A. Two
- B. One
- C. Three
- D. Four
- E. None as G was appointed on Monday

Study the following information carefully to answer the given questions

Eight persons M, N, O, P, Q, R, S, and W have their exams on either 10th or 27th of four different months i.e March, April, May, June not necessarily in the same order. M has the exam on 10th of a month which is having 31 days. Only one person has the exam before N. Number of persons between M and N is one less than the number of persons between N and W. O and P have exams in the same month having 30 days, but not in April. R has the exam after S. Only three persons have exam between N and Q. O has the exam before P.

46. How many persons have exam between S and W?

- A. Three
- B. Two
- C. Four
- D. Five
- E. No one

47. Which of the following statements is/are true according to the given information?

- A. Q has exam immediately after M.
- B. M has exam on 27th of June.
- C. O has exam immediately after Q.
- D. Only one person has exam between O and P.
- E. All the statements are true.

48. Who among the following has exam on 27th May?

- A. N
- B. R
- C. Q
- D. O
- E. No one

49. Four of the following five are alike in a certain way and so form a group. Which one does not belong to that group?

- A. O
- B. R
- C. M
- D. Q
- E. S

50. Who among the following has exam on 10th March?

- A. R
- B. P
- C. N
- D. Q
- E. M