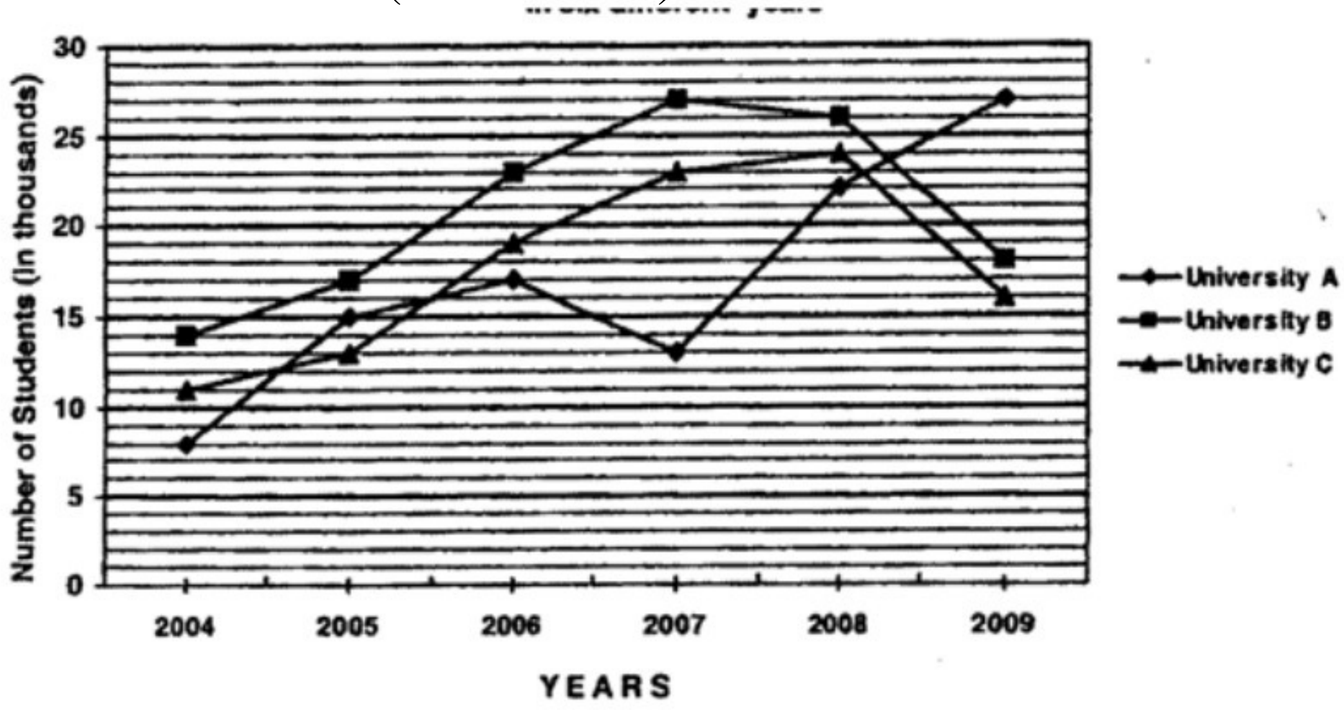
Directions (Qs. 1-5): Study the following graph carefully to answer the questions that follow:

Number of students (In thousands) admitted in three different Universities in six different years



1. In which University was the number of students admitted in the year 2006 second lowest and the number of students admitted in the year 2008 minimum respectively?

(1) University-C and University-B
(2) University-B and University-A
(3) University-C and University-A
(4) University-A and University-B
(5) University-B and University-C

2. What is the approximate percent increase in the number of students admitted in University-A in the year 2006 as compared to previous year?

(1) 103
(2) 23
(3) 123
(4) 113
(5) 13

3. What is the difference between the total number of students admitted in the University-A over all the years together and the total number of students admitted in the University-C in the year 2008 and 2009 together?

(1) 6400
(2) 62000
(3) 64000
(4) 61000
(5) None of these

4. Total number of students admitted in University-C over all the years together was approximately what percent of total number of students admitted in all the three Universities together in the year 2007?

(1) 168
(2) 162
(3) 158
(4) 152
(5) 175

5. What is the average number of students admitted in University-A in the year 2005, in University-B in the year 2006 and in University-C in the year 2009 together?

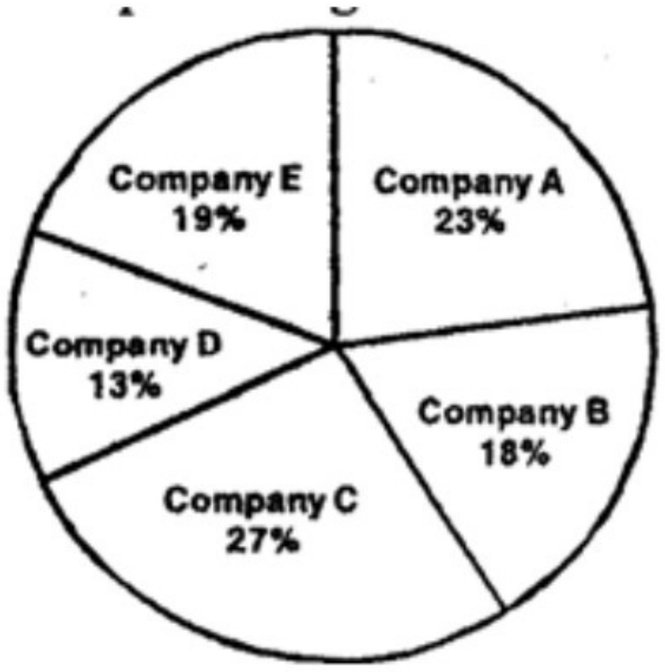
(1) 18,000
(2) 24,000
(3) 17,000
(4) 17, 0000
(5) None of these

Directions (Qs. 6-10): Study the following Pie-chart carefully to answer these questions:

Percentagewise Distribution of Employees in five different Companies Total numbers of Employees is 9300 out of which number of male employees is equal to 4600. Total Employees in all the companies together= 9300

Percentage of Employees (Male and Female together)

Male Employees in all the companies together= 4600)



Percentage of Male Employees alone

6. What is the respective ratio between the number of female employees in Company-B and the number of males employees in Company-C?

(1) 16: 69
(2) 19: 69
(3) 16: 71
(4) 19: 71
(5) None of these

7. In which company the difference between male employees and female employees is third highest?

(1) A
(2) B
(3) C
(4) D
(5) E

8. What is the average number of male employees in Company-A, Company-B and Company-D together?

(1) 833
(2) 821
(3) 837
(4) 824
(5) None of these

9. Difference between the number of male employees and female employees in Company-E is approximately what percentage of the total number employees in Company-A (both males and females) together?

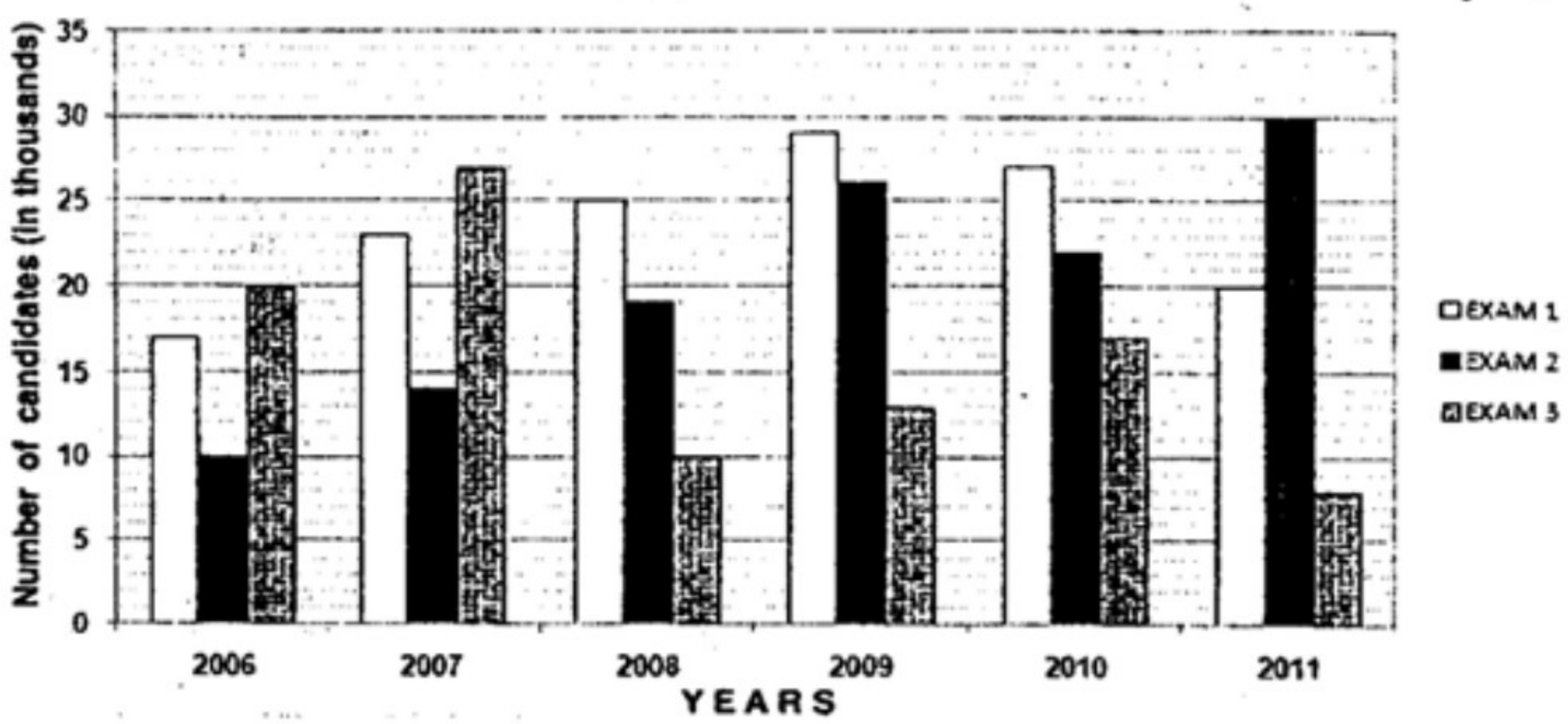
(1) 58
(2) 68
(3) 64
(4) 78
(5) 72

10. What is the total number of female employees in Company-D male employees in Company-E and female employees in Company-A together?

(1) 2440
(2) 2430
(3) 2360
(4) 2380
(5) None of these

Directions (Qs. 11-15): Study the following graph carefully to answer the questions that follow:

Number of candidates (in thousands) appeared in three different exams in six different years:



11. If 25 percent of the total candidates appeared in all the three exams together in the year 2009 got cleated, and then what was the number of candidates who were not able to cleat in all the three exams in the year 2009?

(1) 52,000
(2) 42,000
(3) 17,000
(4) 19,000
(5) One of these

12. Number of candidates appeared in the Exam-3 in the year 2007 was what percent of the total number of candidates appeared in Exam-2 and Exam-3 together in the year 2006?

(1) 80
(2) 95
(3) 92
(4) 90
(5) 94

13. In which year was the total number of candidates appeared in all the three exams together third highest?

(1) 2006
(2) 2007
(3) 2009
(4) 2010
(5) 2011

14. What was the difference between the total number of candidates appeared in all the exams in the year 2008 and the total number of candidates appeared in Exam-3 over all the years together?

(1) 5, 40,000
(2) 41,000
(3) 54,000
(4) 43,000
(5) None of these

15. What was the approximate percent increase in the number of candidates appeared in Exam-2 in the year 2009 as compared to the previous year?

(1) 132
(2) 32
(3) 37
(4) 142
(5) 42

Directions (Qs. 16-20): Study the following pie-chart and table and answer the following questions.

Percentagewise Distribution of Passengers in six different trains Total number of Passengers = 8400 Percentagewise distribution of Passengers

Train	Respective Ratio between Male and Female
P	7 : 5
Q	9 : 5
R	7 : 11
S	13 : 11
T	3 : 1
M	13 : 8

16. What is the total number of male passengers in Train-Q, Train-S and Train-M together?

(1) 2879
(2) 2907
(3) 2927
(4) 2789
(5) None of these

17. In which Train is the difference between male and female passengers second highest?

(1) Train-P
(2) Train-Q
(3) Train-R
(4) Train-S
(5) Train-T

18. Number of male passengers in Train-T is what percent of the number of female passengers in Train-R?

(1) 68
(2) 65
(3) 78
(4) 72
(5) 75

19. What is the respective ratio between the number of female passengers in Train-Q and the total number of passengers in Train-T (male and female both) together?

(1) 15:77

(2) 28:37
(3) 85:154
(4) 15:79
(5) None of these

20. In which Train number of female passengers is exactly equal to the total number of passengers in Train-T?

(1) Train-P
(2) Train-Q
(3) Train-R
(4) Train-S
(5) Train-T

Directions (Qs. 21-25): Study the table carefully to answer the questions that follow:

Salesman →	A			B			C			D		
Months ↓	Type-1	Type-2	Type-3	Type-1	Type-2	Type-3	Type-1	Type-2	Type-3	Type-1	Type-2	Type-3
June	450	332	710	543	568	435	488	465	345	343	245	146
July	368	356	289	767	534	944	684	356	383	254	344	442
August	212	643	567	657	873	654	287	445	615	654	134	678
September	723	567	665	798	786	514	543	156	519	323	135	356
October	512	780	464	365	435	734	586	685	363	356	102	252

21. If Salesman-B sets a target to sell 1200 items of Type-2 in October, what percent is he short of his target in case of item of Type-2 in October?

(1) 32.75
(2) 65.25
(3) 36.25
(4) 63.75
(5) None of these

22. In which month, the number of items of all the three rypes together, sold by Salesman-A, second lowest?

(1) June
(2) July
(3) August
(4) September
(5) October

23. What is the average number of items of Type-3 sold by Salesman-C over all the months together?

(1) 415
(2) 425
(3) 445
(4) 465
(5) One of these

24. Number of items of Type-2 sold by Salesman-B in July is approximately what percentage of total number of items of Type-I and Type-S together sold by Salesrnan-D in August?

(1) 24
(2) 28
(3) 32
(4) 36
(5) 40

25. What is the difference between the total number of items of all the three types together sold by Salesman-A in September and the total number of items of Type-l sold by Salesman-D over all the months together?

(1) 20
(2) 25
(3) 30
(4) 35
(5) None of these

Direction (Qs. 26-30) : Study the following table easefully and answer the questions that follow :

Number of officers recruited (in thousands) by four different forces in five different years

Force→	Army		Airforce		Navy		Coast Guard	
Year ↓	Males	Females	Males	Females	Males	Females	Males	Females
2005	6.5	4.75	7.65	4.2	3.8	2.6	4.9	1.8
2006	8.4	5.05	8.5	3.3	5.4	3.5	8.4	4.5
2007	9.6	6.3	10.6	6.9	7.2	4.8	10.6	7.02
2008	6.4	2.8	11.4	3.6	10.8	5.4	12.4	9.2
2009	10.2	6.5	6.5	1.2	11.5	7.5	15.8	12.5

26. What was the difference between the total number of female officers recruited in all the forces together in the year 2009 and the total number of male officers recruited in Airforce in the year 2005 and 2008 together?

(1) 8560
(2) 8750
(3) 8550
(4) 8570

(5) One of these

27. Total number of officers recruited (male and female both) in Army in the year 2006 was approximately what percent of the total number of female officers recruited in Navy over all the years together?

(1) 72
(2) 67
(3) 63
(4) 53
(5) 57

28. In which year was the difference between the number of male and female officers recruited second highest in Airforce?

(1) 2005
(2) 2006
(3) 2007
(4) 2008
(5) 2009

29. What was the average number of male officers recruited in Coast Guard over all the years together?

(1) 10880
(2) 10240
(3) 10420
(4) 10800
(5) None of these

30. What was the percent increase in the number of female officers recruited in Navy in the year 2008 as compared to the rrevious yeu?

(1) 15.5
(2) 115.5
(3) 112.5
(4) 12.5
(5) None of these

Directions (Qs. 31-35): Study the following table carefully to answer the questions that follow:

Number of candidates appeared and the percentage of candidates qualifying the entrance test for five different courses in six different years

Courses	Diploma		Engineering		M. B. A.		M. Phil		PhD	
Years	Candidates Appeared	% of Candi. qual.	Candidates Appeared	% of Candi. qual.	Candidates Appeared	% of Candi. qual.	Candidates Appeared	% of Candi qual.	Candidates Appeared	% of Candi. qual.
2005	760	45	550	34	1120	45	420	75	650	58
2006	804	65	800	23	1550	56	680	60	1400	72
2007	1010	40	740	65	1640	25	840	95	1150	46
2008	1280	30	680	40	2500	84	790	40	1700	63
2009	1780	25	1080	85	2650	46	1212	50	2150	52
2010	1940	65	1200	27	3100	43	670	80	2650	86

31. What was the approximate average number of candidates qualifying the entrance test for Enginemen in the year 2005, 2007 and 2009 togemer?

(1) 512
(2) 525
(3) 532
(4) 546
(5) 529

32. Number of candidates qualifying the entrance test for M.B.A. in the year 2006 was approximately what percentage of the number of candidates qualifying the entrance test for PhD in the year 2010?

(1) 32
(2) 38
(3) 42
(4) 56
(5) 47

33. What was the difference between the numbers of candidates qualifying the entrance test for M.Phil in the year 2007?

(1) 664
(2) 688
(3) 694
(4) 658
(5) None of these

34. If three-fourth the number of candidates qualifying for PhD in the year 2006 was female, what was the number of the male candidates qualifying for PhD that yeu?

(1) 252
(2) 234
(3) 246
(4) 236

(5) One of these

35. In which year was the number of candidates qualifying the entrance test for Engineering third highest?

(1) 2005
(2) 2006
(3) 2007
(4) 2008
(5) 2010

Directions (Qs. 36-40): Each of the questions below consists of a question and two Statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer-

(1) If the data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.
(2) If the data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.
(3) If the data either in Statement I alone or in Statement II alone are sufficient to answer the question.
(4) If the data in both the Statements I and II are not sufficient to answer the question.
(5) If the data in both the Statements I and II together are necessary to answer the question

46. Who incurred more loss, Arnita or Ayesha (Loss in terms of amount)?

I. Ayesha purchased an item of Rs. 7,200 and sold at a loss of Rs. 6,336 while Arnita purchased an item of Rs. 6,800 and sold at a loss of Rs. 5780.
II. Amita purchased an item for Rs. 6,800 and sold it at a loss of is percent while Ayesha purchased an item of Rs. 7,200 and sold it at a loss of 12 percent.

47. What is the value of x and y?

I. $7x + 3y = 16$, and $x = 10z$
II. $13x + 2z = 42$

48. Who among the men, women or boys will complete the same piece of work fastest?

I. 7 men or 8 women or 12 boys can complete the piece of work in 15 days.
II. 13 men complete the work in 5 days, 9 women can complete the work in 8 days and 12 boys can complete the work in 9 days.

49. What is the perimeter of a rectangle?

I. Circumference of a circle is 88 cm which is equal to length of the rectangle.

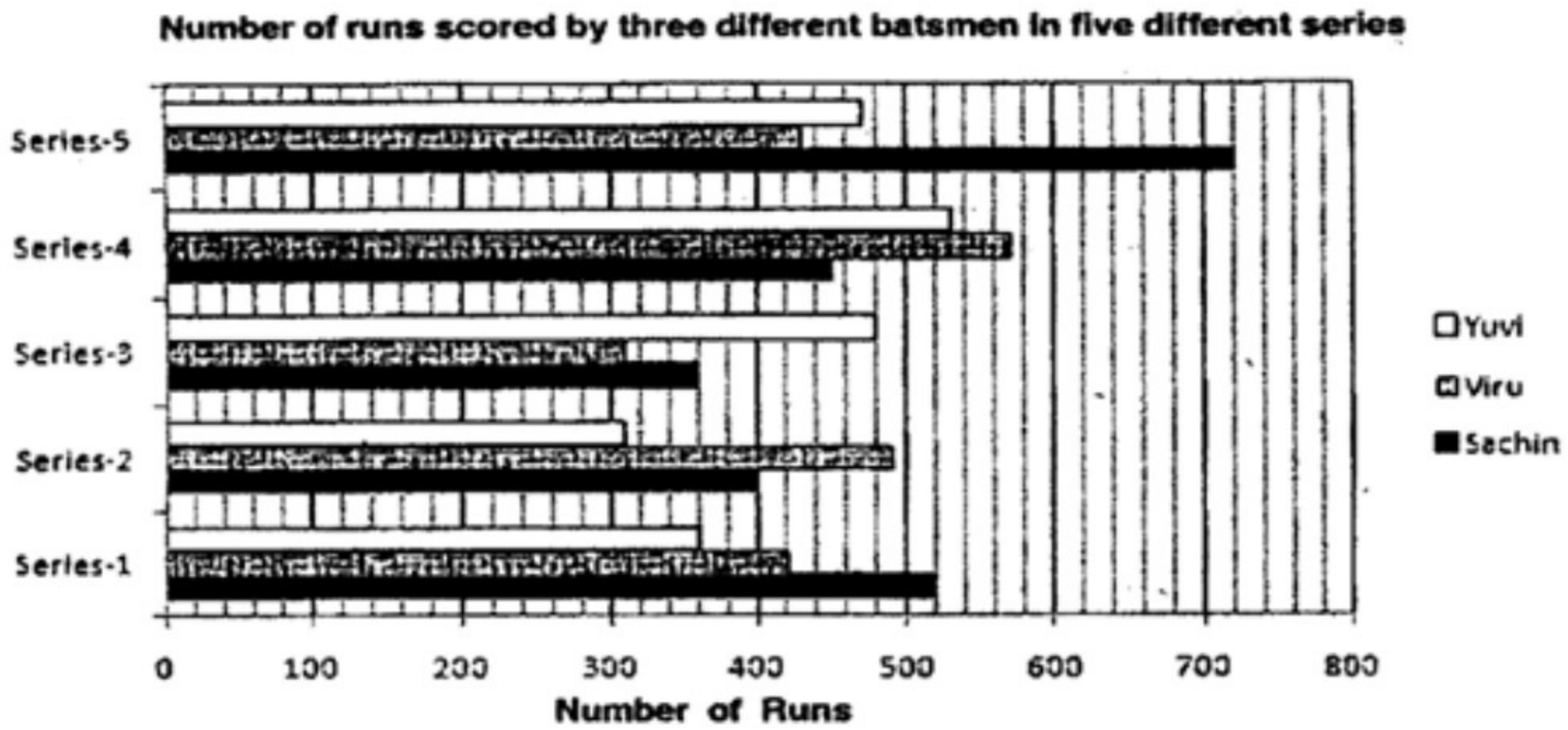
II. Breadth of the rectangle is equal to the diameter of a circle with circumference equal to 88 cm.

40. What will Rahul's age be after 8 years?

I. Rahul's present age is 5 years less than Sonu who is presently 45 years old.
II. Raman's present age is 3 years less than Rahul's present age. Sonam is presently 38 years old.

Directions (Qs. 41-45) : Study the following bar-graph carefully and answer the following questions:

Number of runs scored by three different batsmen in five different series



41. Number of runs scored by Sachin in Series-5 was what percent of the total runs scored by all the three players in the Series-Z together?

(1) 60
(2) 60.5
(3) 64
(4) 64.5
(5) None of these

42. What was the difference between the total runs scored by Yuvi in all the series together and the runs scored by Viru in the Series-I ?

(1) 1560
(2) 1520
(3) 1620
(4) 1710
(5) None of these

43. What was the average run scored by Viru in all the five series together?

(1) 458
(2) 464
(3) 448
(4) 444
(5) None of these

44. In which Series respectively were the runs scored by Yuvi third highest and the runs scored by Viru lowest?

(1) Series-3 and Series-1
(2) Series-5 and Series-5
(3) Series-5 and Series-2
(4) Series-3 and Series-2
(5) Series-3 and Series-4

45. What was the percent decrease in the runs scored by Sachin in Series-3 as compared to the previous series (Series-2)?

(1) 90
(2) 80
(3) 20
(4) 10
(5) One of these

Directions (Qs. 46-48): Study the following information carefully to answer these queues:

A box contains 4 red pens, 9 blue pens and 5 green pens. The pens are to be drawn randomly as per the specifications given in each of the following questions.

46. If three pens are to be randomly drawn from the box, what will be the probability that all of them are blue?

(1) 3/68
(2) 7/68
(3) 3/34
(4) 7/34
(5) None of these

47. If four pens are drawn randomly from the box, what will be the probability that either all are red or all are green?

(1) 1/1020
(2) 1/510

(3) 11/510
(4) 1/180
(5) None of these

48. If two pens are drawn randomly from the box, whir will be the probability that none is blue?

(1) 3/17
(2) 4/17
(3) 12/17
(4) 13/17
(5) None of these

Directions (Qs. 49-50): Study the following information carefully to answer these questions:

Number of teachers in a district was 32.6 thousand in the year 2009. Every year the number of teachers decreases by 15 percent.

49. What would be the number of students in the year 2010?

(1) 28.62 thousand
(2) 27.71 thousand
(3) 37.49 thousand
(4) 35.68 thousand
(5) None of these

50. If three-eighth the number of teachers were postgraduates in the year 2009 and remaining teachers were graduates only, what was the number of graduate teachers in the year 2009?

(1) 20375
(2) 20735
(3) 21675
(4) 21765
(5) None of these

Answer

1	3	26	5
2	5	27	5
3	2	28	2
4	1	29	3
5	1	30	4
6	1	31	1
7	1	32	2
8	5	33	3
9	3	34	1
10	4	35	5
11	1	36	3
12	4	37	5
13	2	38	3
14	2	39	5
15	3	40	1
16	2	41	1
17	2	42	2
18	5	43	4
19	3	44	2
20	3	45	4
21	4	46	2
22	3	47	2
23	3	48	2
24	5	49	2
25	2	50	1