

1. The compound interest on a sum for 2 years is Rs. 832 and the simple interest on the same sum for the same period is Rs. 800. The difference between the compound and simple interest for 3 years will be?

- A) 66.67
B) 36
C) 98.56
D) 60
E) 33.33

2. A letter is chosen at random from the word 'ASSASSINATION'. What is the probability that it is a consonant?

- A) 7/13
B) 9/13
C) 2/13
D) 5/13
E) 10/13

3. If the compound interest on a certain sum for 2 years is Rs. 80.80 and the simple interest Rs. 80; then the rate of interest per annum is?

- A) 1 %
B) 2 %
C) 3 %
D) 4 %
E) 5 %

4. A person invested in all Rs. 2600 at 4%, 6% and 8% per annum simple interest. At the end of the year, he got the same interest in all three cases. The money invested at 4% is:?

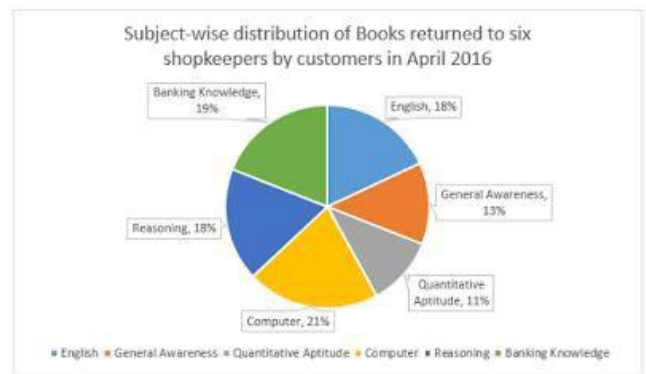
- A) 1000
B) 1500
C) 1800
D) 1200
E) 2000

5. Two trains running in opposite directions cross a man standing on the platform in 27 seconds and 17 seconds respectively. If they cross each other in 23 seconds, what is the ratio of their speeds?

- A) 1:2
B) 2:3
C) 3:2
D) 3:4
E) 4:3

Directions for Questions (6-10): The questions are based on the table and pie-chart given below. The table has some missing information but it is known that every shopkeeper sold books of every subject. Complete the missing information and answer the questions using the information given in table and pie-chart.

Subject	A	B	C	D	E	F	Total
English	3	1	-	2	5	-	20
General Awareness	6	2	6	-	1	3	-
Quantitative Aptitude	7	9	9	8	-	8	50
Computer	1	2	5	-	8	6	29
Reasoning	8	8	1	3	-	-	-
Banking Knowledge	-	4	2	4	7	4	-
Total	30	26	27	33	32	35	183



6. In April 2016, the second highest number of books sold was of which subject?

- a) Banking Awareness
b) General awareness
c) Quantitative Aptitude
d) Reasoning
e) Computer

7. Which shopkeeper sold maximum number of General awareness books as a percentage of the total number of books sold by that shopkeeper?

- a) C
b) B
c) A
d) F
e) None of these

8. What is the average number of books sold of General awareness, Computer and Reasoning together?

- a) 29500
b) 30000
c) 30333
d) 28333
e) None of these

9. If a total of 4000 books were returned in April 2016, then what was the number of Reasoning books returned as a percentage of Reasoning books sold in April 2016?

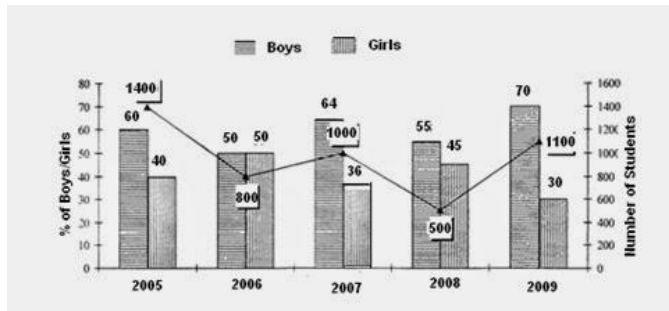
- a) 2.32%
b) 2.74%
c) 1.86%
d) 1.44%
e) 2.92%

10. If the number of General Awareness books returned in April 2016 is 780, then what is the approximate number of English and Banking Awareness books sold as a ratio of the number of English and Banking awareness books returned in April 2016?

- a) 33:2
b) 41:2
c) 47:3
d) 53:4
e) 65:3

Directions (11-15): The following bar graph shows the percentage of boy and girls appeared for Class X exam for the period of five years 2005-2009. The line shows the total number of students appeared and the table shows the

total students passed and percentage of boys and girls passed in the exam.



Year	Total passed students	Percentage of boys	Percentage of girls
2005	800	60	40
2006	660	50	50
2007	500	45	55
2008	400	48	52
2009	800	64	36

11. What is the number of girls who failed in the year 2007?
 - (1) 75
 - (2) 80
 - (3) 85
 - (4) 90
 - (5) None of these
12. What is the sum of girls passed and boys failed in the year 2009?
 - (1) 546
 - (2) 556
 - (3) 566
 - (4) 576
 - (5) None of these
13. What is the difference between the total boys appeared and the total boys passed in the period of five years?
 - (1) 1146
 - (2) 1156
 - (3) 1166
 - (4) 1176
 - (5) None of these
14. What is the ratio of the total boys appeared in the year 2009 to the total girls passed in the year 2006?
 - (1) 7 : 5
 - (2) 7 : 4
 - (3) 7 : 3
 - (4) 7 : 2
 - (5) None of these
15. The number of boys passed in the year 2005 is what per cent more than the number of girls appeared in the year 2006?
 - (1) 10%
 - (2) 20%
 - (3) 25%
 - (4) 40%
 - (5) None of these

Solutions:

1. C
2. A
3. B
4. D
5. C

Answer (6 – 10):

Complete table:

Subject	A	B	C	D	E	F	Total
English	3	1	4	2	5	5	20
General Awareness	6	2	6	9	1	3	27
Quantitative Aptitude	7	9	9	8	9	8	50
Computer	1	2	5	7	8	6	29
Reasoning	8	8	1	3	2	9	31
Banking Knowledge	5	4	2	4	7	4	26
Total	30	26	27	33	32	35	183

6. d

Therefore, second highest number of books sold was of Reasoning.

7. e

We need to check for which shopkeeper (s) the number of General Awareness books sold were the highest, for that shopkeeper the percentage of General Awareness books sold as a percentage of total number of books sold by that shopkeeper would be higher than for the shopkeeper who has not sold maximum number of General Awareness books out of all the books sold, there is only one shopkeeper i.e. D

8. e

Required average = $(27 + 29 + 31)/3 = 29 \Rightarrow 29,000$

9. a

Number of Reasoning books returned = 18% of 4000 = 720

required percentage = $720/31000 * 100 = 2.32\%$

10. b

Number of General Awareness books returned = 780

total number of books returned = $780/13\% = 6000$

Number of English and Banking Awareness books returned = 37% of 6000
= 2220

Required ratio = $46000:2220 = 2300:111 \approx 41:2$

11. (3)

Total number of Girls who appeared in 2007 = $1000/100 * 36 = 360$

Total number of Girls who passed in 2007 = $500/100 * 55 = 275$

Total number of Girls who failed = $360 - 275 = 85$

12. (1)

Total number of girls passed in 2009 = 288

Total number of boys failed in 2009 = $770 - 512 = 258$

Total sum = $288 + 258 = 546$

13. (5)

Total number of boys who appeared in all 5 years = 2925

Total number of boys who passed in all 5 years = 1739

Total difference = $2925 - 1739 = 1186$

14. (3)

Required Ratio = $770 : 330 = 7:3$

15. (2)

Number of boys passed in 2005 = 480

Number of girls appeared in 2006 = 400

Req % = $(480 - 400)/400 * 100 = 20\%$