Data Interpretation for SBI Clerk Prelims

Directions (1-5): Study the following table carefully and give the answer to the questions related to it. The following table shows the total number of students from different cities who have applied for an exam which is conducted by UP government.

Cities	No. of applications filled by students	% of appeared student	% of failed students out of appeared students
Agra	25000	80%	60%
Mathura	20,000	75%	70%
Lucknow	40,000	90%	40%
Jhansi	15,000	84%	50%
Amethi	10,000	70%	30%

Q1. The total number of students passed in the exam from Agra is approximate how much percent of total number of passed students from Lucknow?
(a) 37.04%
(b) 3.704%
(c) 33.04%
(d) 41.04%
(e) 45%

Q2. What is the average number of passed students from Mathura, Lucknow and Jhansi together?
(a) 12,400
(b) 8,600
(c) 10,800
(d) 9,600
(e) 8,400

Q3. Find the total number of students from all cities together who were not appeared for the exam.
(a) 12,600
(b) 16,800
(c) 19,400
(d) 20,400
(e) 21,600

Q4. What is the ratio of number of students who were failed in the exam from cities Mathura and Jhansi together to that of number of failed students from Lucknow and Amethi together?
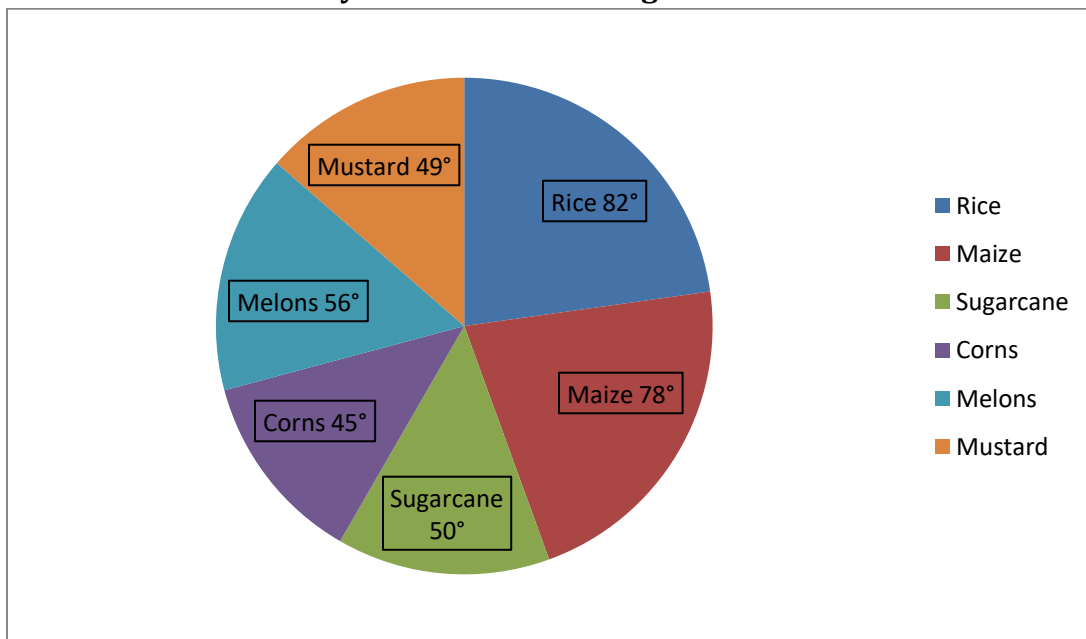(a) 55 : 56
(b) 56 : 55
(c) 3 : 5
(d) 5 : 3
(e) 15 : 17

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Q5. If total number of students passed in exam from Lucknow were from rural and urban area both in the ratio of 2 : 3 (Rural to Urban), then total number of students passed from rural area of Lucknow is how much percent more or less than the total number of failed students from Agra ?
(a) 25%
(b) 26%
(c) 27%
(d) 28%
(e) 29%

Direction (6-10): Study the following pie chart carefully to answer the questions that follows. A farmer harvests six types of vegetation in his rectangular field with dimensions 120m×90m. The pie chart shows the area covered by each in terms of degree measurement.

Q6. What is the average area of field covered by all the vegetation except mustard?
(a) 1876 m²
(b) 1866 m²
(c) 1686 m²
(d) 1870 m²
(e) None of these

Q7. The area covered by Sugarcane is approximately by what percent less than that of by Rice?
(a) 39%
(b) 42%
(c) 40%
(d) 34%
(e) 38%

Q8. Find the difference in area covered by melons and maize together and that of by corns and mustard together?
(a) 1210 m²
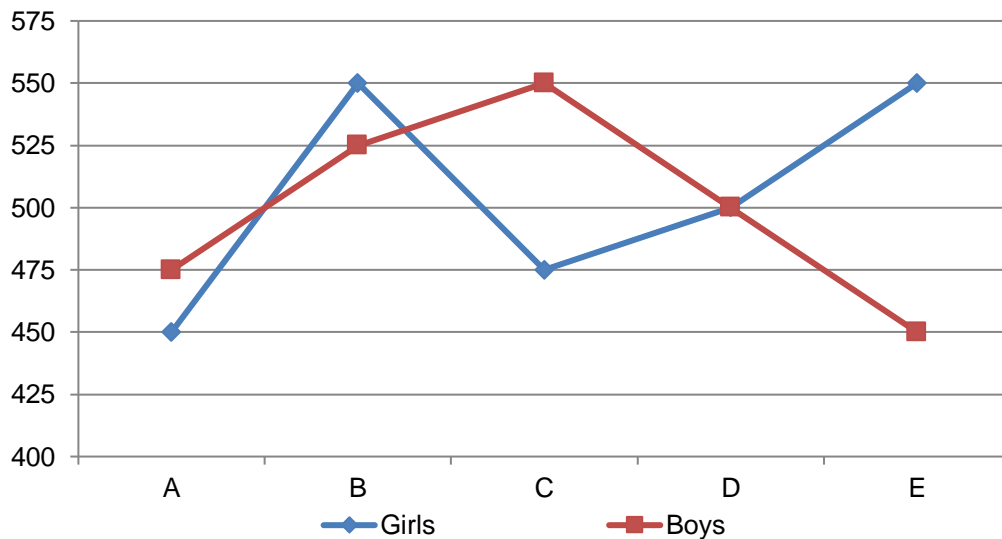(b) 1120 m²
(c) 1250 m²
(d) 1200 m²
(e) None of these

Q9. What is the ratio of area covered by melons and that of by mustard?
(a) 8 : 5
(b) 7 : 8
(c) 7 : 5
(d) 8 : 3
(e) None of these

Q10. The total production of rice was 125 quintals after $\frac{100}{3}$% of area covered by rice was wasted away due to fire. What would be the actual production of rice (in quintals) if no wastage was there & production was in same rate throughout the rice field?
(a) 178.8
(b) 187
(c) 178.5
(d) 187.5
(e) None of these

Directions (Q.11-15): Study the following graph carefully to answer the questions that follow:
Number of Girls and Boys participating in a rally from five different schools

Q11. What is the total number of girls participating in the rally from schools A and C together?
(a) 825
(b) 875
(c) 950
(d) 975
(e) 925

Q12. The number of boys participating in the rally from school B is what percent of the total number of children participating in the rally from that school? (Rounded off to two digits after decimal.)
(a) 48.84 %
(b) 47.37 %
(c) 49.28 %
(d) 46.46 %
(e) None of these

Q13. The number of girls participating in the rally from School E is approximately what percent of the number of boys participating in the rally from the same school?
(a) 81 %
(b) 106 %
(c) 122 %
(d) 98 %
(e) 114 %

Q14. What is the respective ratio of total number of girls participating in the rally from schools D and C together to the total number of boys participating in the rally from schools A and B together?
(a) 23 : 18
(b) 43 : 35
(c) 41 : 38
(d) 21 : 20
(e) 39 : 40

Q15. What is the average number of girls participating in the rally from all schools together?
(a) 500
(b) 460
(c) 525
(d) 505
(e) 650

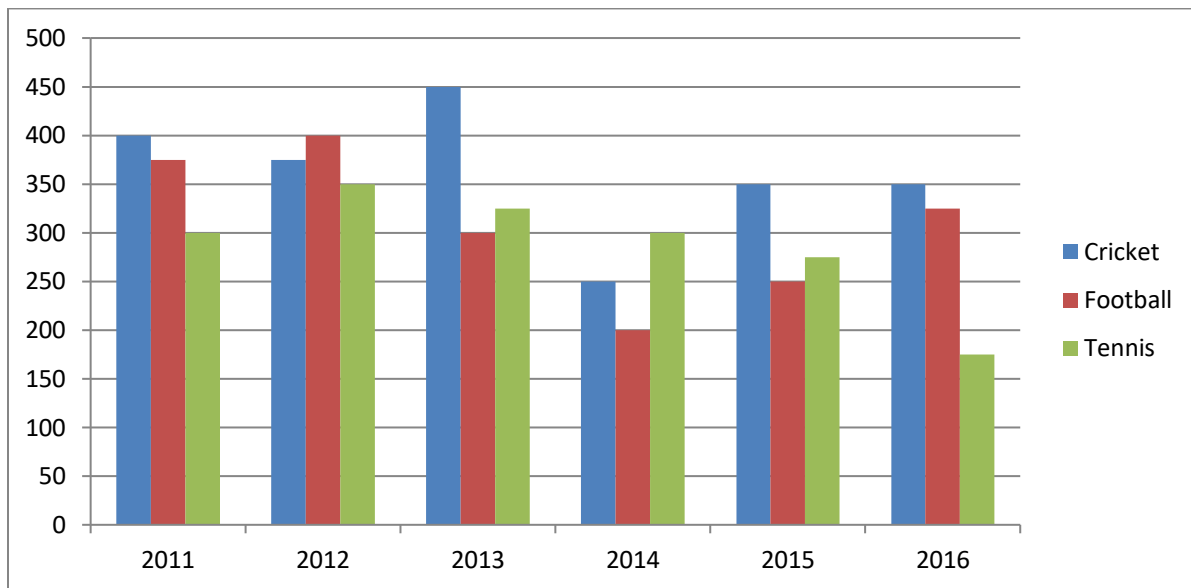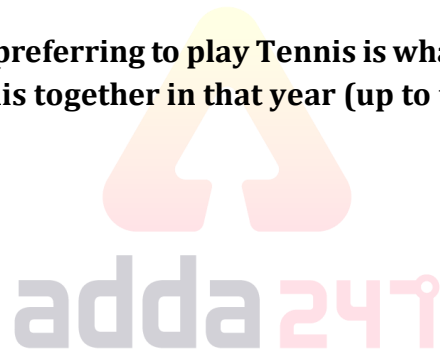**Directions (Q16 -20): Study the following Graph carefully and answer the questions given below:**
Preferences of People in Playing Different Games Over the Years (in Hundred)

Q16. In the year 2016, the people preferring to play Tennis is what percent of the people who prefer to play Cricket, Football and Tennis together in that year (up to two decimal places)?
(a) 22.76%
(b) 20.58%
(c) 42. 24%
(d) 25.58%
(e) 24.58%

Q17. How many people have preferred to play Cricket in all the years together?
(a)217500
(b)224500
(c)247500
(d)175600
(e)None of these

Q18. What is the respective ratio of the number of people who prefer to play cricket in 2011, 2013 and 2015 together to the number of people who prefer to play Tennis in the year 2013, 2015 and 2016 together?
(a) 2 : 1
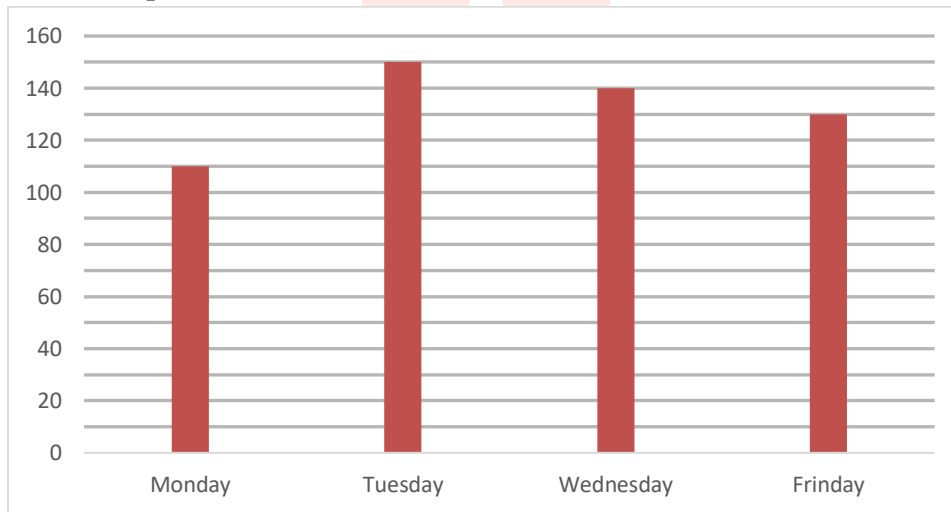(b)45 : 33
(c) 44 : 31
(d) 48 : 31
(e)31: 48

Q19. From 2011 to 2016, the total number of people who preferred to play Football was what percent more or less than the total number of people who preferred to play Tennis during same period?

(a)5%

(b)6%

(c)7%

(d)8%

(e)10%

Q20. The no. of people who prefer to play tennis in 2016 is what percent fewer than the number of people preferring to play tennis in 2015?

(a) $\frac{257}{11}\%$

(b) $\frac{400}{11}\%$

(c) $\frac{553}{13}\%$

(d) $\frac{438}{13}\%$

(e)None of these

Direction (21 – 25): Bar graph given below shows number of people visited a park 'XYZ' on four different days and table shows number of females visited park on these days. Read the data carefully and answer the questions.

Days	Number of females visited park
Monday	52
Tuesday	66
Wednesday	64
Friday	46

Q21. Find the ratio of the total male visited park on Tuesday & Wednesday together and total female visited park on Wednesday & Friday together?
(a) 16 : 11
(b) 14 : 11
(c) 18 : 11
(d) 12 : 11
(e) 11 : 16

Q22. Total male visited on Sunday in park are 22 more than that of on Monday and total number of males visited on Sunday in park are $66\frac{2}{3}\%$ of total people visited park on that day. Find total male visited park on Friday is what percent less than total people visited park on Sunday?
(a) 40%
(b) 30%
(c) 20%
(d) 25%
(e) 15%

Q23. Find difference between average number of males visited park on Monday & Friday and average number of females visited park on Tuesday & Wednesday?
(a) 15
(b) 13
(c) 17
(d) 6
(e) 25

Q24. Total males visited Wednesday is what percent less than total male visited on Tuesday(approximate)?
(a) 14.5%
(b) 12.5%
(c) 9.5%
(d) 6.5%
(e) 3.5%

Q25. Total people visited on Saturday are $9\frac{1}{11}\%$ more than that of on Monday, then find total people visited on Tuesday is what percent more than that of on Saturday?
(a) 15%
(b) 25%
(c) 12.5%
(d) 20%
(e) 10%

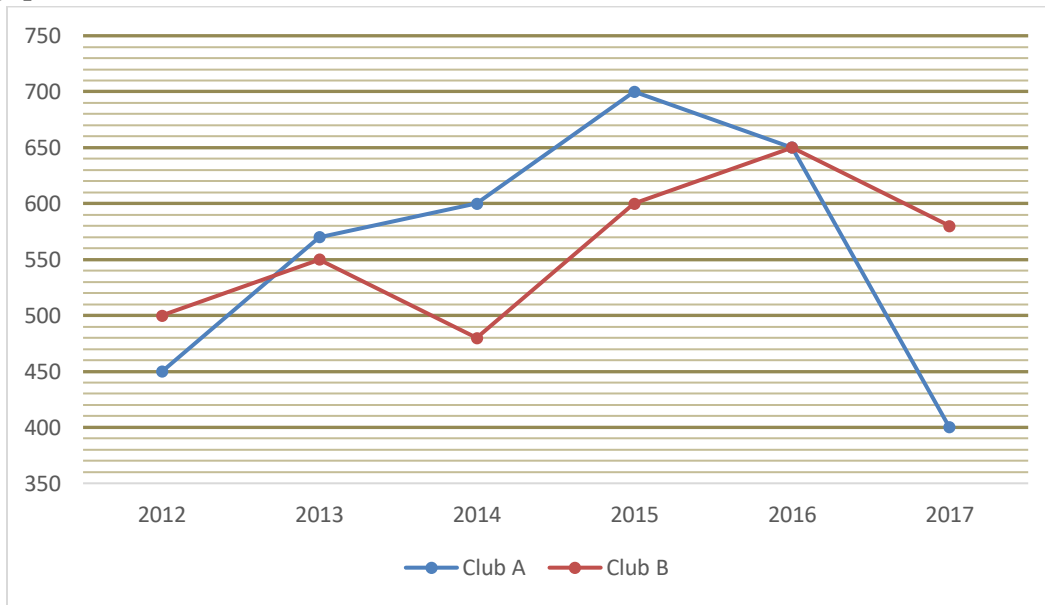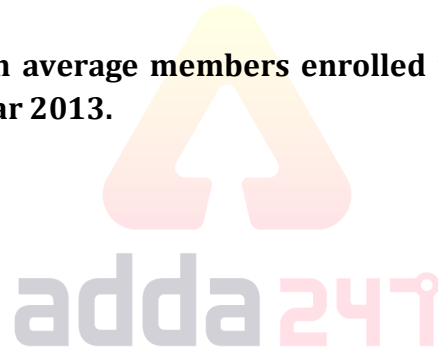**Direction (26-30) :- The given line chart shows the number of members enrolled into membership of two clubs A and B in different years from 2012 to 2017. Study the line chart carefully and answer the following questions.**

Q26. Find the difference between average members enrolled into club B all over the years and members enrolled in club A in year 2013.
(a) 30
(b) 20
(c) 10
(d) 40
(e) 60

Q27. Members enrolled into club B in year 2012 and 2015 together is what percent of members enrolled into club A in year 2014 and 2017 together?
(a) 110%
(b) 125%
(c) 90.9%
(d) 87.5%
(e) 75%

Q28. Find the ratio between number of members enrolled into club A during 2012 to 2014 and number of members enrolled in club B during 2012 to 2014.
(a) 17:18
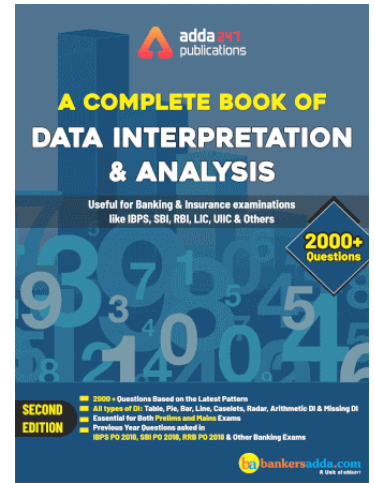(b) 54:53
(c) 19:17
(d) 18:17
(e) 13:18

Q29. If the membership fee of club A is Rs 1200 for a member and of club B is Rs 1500 for a member, then revenue of club A is how much more/less than that of club B all over the year?

(a) Rs 9,69,000

(b) Rs 9,96,000

(c) Rs 9,06,000

(d) Rs 8,69,000

(e) Rs 9,60,000

Q30. If in 2018, number of members enrolled into club A is increased by $7\frac{9}{13}\%$ with respect to year 2016 and number of members enrolled into club B is increased by $8\frac{1}{3}\%$ with respect to year 2014, then find the sum of total members enrolled in year 2018.

(a) 1320

(b) 1230

(c) 1120

(d) 1410

(e) 1220

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