

Table DI for SBI PO Prelims



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Table DI for SBI PO Prelims

Table DI

Directions (1-5): The table given below shows production of shoe company by 6 units A, B, C, D, E, and F in one hour. Refer the table and answer the questions given below.

Production Unit	Total Shoes	Black:White
A	5225	10:9
B	3150	9:5
C	5625	7:8
D	3825	4:13
E	4875	4:9
F	4950	11:7

Note: These units produce shoes in only two colors i.e. Black and White.

1. For which unit the difference between number of Black shoes and White shoes is maximum.

- a) A
- b) D
- c) B
- d) C
- e) E

2. What is the average number of Black shoes produced in unit B, C and D.

- a) 1500
- b) 1700
- c) 1850
- d) 1650
- e) 1250

3. The number of White shoes produced in unit F is how much percent less than the number of Black shoes produced in Unit A.

- a) 30%
- b) 40%
- c) 50%
- d) 65%
- e) 45%

4. The number of Black shoes produced by units D and E together is what percent of total number of shoes produced by units D and E together.

- a) 800/11%
- b) 600/11%
- c) 700/19%
- d) 800/29%
- e) None of these



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5. What is the ratio of number of Black shoes produced by units B and F together to the number of White shoes produced by units A and B together?

a) 101:73

b) 101:72

c) 111:72

d) 72:111

e) 72:101

Directions (6-10): Study the table and answer the questions given below.

The table shows total number of voters in 5 different towns, % of voters who did not vote and % of female out of total persons who have voted.

Town	Total voters	% of voters who do not vote	% of female out of total voters voted
P	30000	15	30
Q	13500	20	45
R	28000	18	40
S	16000	12	60
T	32500	6	40

6. What is the total number of people who have voted from Town P, Q and R together

a) 59060

b) 59460

c) 59260

d) 59360

e) 59420

7. What is ratio of male to female who voted from town Q.

a) 9:13

b) 9:11

c) 13:9

d) 90:11

e) 11:9

8. What is the difference between number of male from town T who have voted and female from town Q who voted?

a) 13470

b) 13670

c) 12470

d) 12660

e) None of these

9. What is the average number of voters who do not voted from town P, R and T together.

a) 3830

b) 3630



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- c) 3930
d) 3030
e) None of these

10. If the ratio of male to female who do not vote is 5:4 from town Q then what is the ratio of total male voters and total female voters from town Q.

- a) 124:111
b) 100:101
c) 101:124
d) 124:101
e) None of these

Directions (11-15): Table given below shows the number of web series released by 5 online streaming platforms- Netflix, Amazon prime, Hotstar, MX player and voot during 2016 to 2020.

Study the table and answer the questions given below.

	2016	2017	2018	2019	2020
Netflix	20	18	-----	12	22
Amazon prime	15	20	10	23	18
Hotstar	25	10	-----	15	20
MX player	12	12	20	18	25
Voot	18	20	-----	10	15
Total	90	80	75	78	100

Note-Some values are missing in table candidate is expected to calculate the missing values if required.

11.If number of web series by Netflix and MX player released in 2017 increased by 100/9% and 25/3% respectively.Then what will be percentage change in total number of web series released in 2017.

- a) 2.5%
b) 3.75%
c) 4.75%
d) 3.25%
e) 5.5%
12. Total number of web series released in 2018 is how much percent more than number of web series released by Amazon prime and MX player together in 2018.
- a) 75%
b) 50%
c) 150%
d) 100%
e) 200%



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13. Web series released by Netflix and Amazon prime together in 2016 is how much percent less or more than web series released by Netflix and Amazon prime together in 2020.

- a) 15% less
- b) 17.5% less
- c) 12.5% less
- d) 17.5% more
- e) 12.5% more

14. What will be the average of web series released by Netflix, Amazon prime and Hotstar in 2018, If the ratio of number of web series released by Netflix, Hotstar and Voot in 2018 is 2:3:4 respectively.

- a) 11.66
- b) 15
- c) 15.5
- d) 12.66
- e) 12.5

15. Among 5 online streaming platforms, which one is the 2nd highest released web series in duration of 5 years ?

- a) Voot
- b) Netflix
- c) Hotstar
- d) MX player
- e) Amazon prime

Directions (16-20): Table given below shows the total three types of trees i.e. Mango, Banana and Coconut in 5 farms P, Q, R, S and T. Study the table and answer the questions below.

Farms	Total trees	Mango:Banana	Coconut
P	1150	7:9	398
Q	1300	3:4	635
R	750	4;5	408
S	2100	6;7	1281
T	1850	2:3	800

16. What is the total number of Banana trees in all the five farms?

- a) 2160
- b) 2260
- c) 2064

- d) 2200
- e) 2300

17. What is the ratio of number of Mango trees in farm T to number of Coconut trees in same farm.

- a) 40/21



Table DI for SBI PO Prelims

- | | |
|--|---|
| <p>b) 21/40</p> <p>c) 21/20</p> <p>d) 41/20</p> <p>e) 20/21</p> <p>18. What is the difference between total number of Coconut trees in all farms and total number of Mango trees in all farms?</p> <p>a) 1958</p> <p>b) 2168</p> <p>c) 2238</p> <p>d) 1950</p> <p>e) None of these</p> <p>19. The total number of Banana trees in farm S is what percent of total number of trees in farm S.</p> | <p>a) 28%</p> <p>b) 35%</p> <p>c) 14%</p> <p>d) 21%</p> <p>e) None</p> <p>20. If 40 Banana trees from farm R are cut down then remaining Banana trees are what percent more than or less than of total number of trees in Farm R.</p> <p>a) 50% less</p> <p>b) 80% less</p> <p>c) 60% less</p> <p>d) 80% more</p> <p>e) 60% more</p> |
|--|---|

Directions (21-25): Study the table and answer the questions given below.

The table shows the monthly salary, expenditure and savings of 5 friends.

Friends	Salary	Expenditure				Savings
		Home rent	Food	Travel	Others	
Akash	58000	12000	9000	6000	22000	9000
Sagar	56000	10000	12000	8000	16000	10000
Rohit	60000	15000	14000	9000	19000	3000
Varun	72000	12000	8500	9500	21000	21000
Akshay	66000	9000	11500	7500	15500	22500

- | | |
|--|---|
| <p>21. What is the difference between average salary and average expenditure of all the five friends.</p> <p>a) 11011</p> | <p>b) 13100</p> <p>c) 10011</p> <p>d) 11000</p> |
|--|---|



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- e) 10101
- 22. What is the ratio of total salary of Akash, Rohit and Varun together to the total savings of Akash, Sagar and Rohit together.**
- a) 11/95
b) 11/85
c) 85/11
d) 95/11
e) None
- 23. Total annual income of Varun is what percent more than total annual income of Rohit.**
- a) 25%
b) 30%
c) 40 %
d) 20%
e) 55%
- 24. Total expenditure by Akshay constitutes what percent (Approx.) of total salary of Varun?**
- a) 60%
b) 75.5%
c) 62.5%
d) 60.4%
e) 70.5%
- 25.If the salary of Rohit increased by 15% in next month and his total expenditure reduced by 15%, then what is the savings of Rohit in next month?**
- a) 20550
b) 22500
c) 20500
d) 21500
e) None

Directions (26-30): Study the table and answer the questions given below.

The following table shows number of students appeared and percentage of students passed in the given exam (A and B) in different years.

Years	A		B	
	No. of students appeared	% of students passed	No. of students appeared	% of students passed
2006	380	60%	440	70%
2007	260	45%	320	75%
2008	420	30%	560	40%
2009	600	35%	700	80%
2010	720	25%	240	55%



Table DI for SBI PO Prelims

26. What is the average number of students appeared in exam A and average number of students appeared in exam B

- a) 452 and 476 respectively
- b) 476 and 452 respectively
- c) 456 and 476 respectively
- d) 476 and 456 respectively
- e) 476 and 450 respectively

27. Find the difference between the number of students passed in exam A in 2007 and 2008 together to number of students passed in exam B in 2009 and 2010 together.

- a) 449
- b) 499
- c) 599
- d) 549
- e) None

28. What is the ratio of number of students passed in exam A in 2006 to number of students passed in exam B in 2007.

- a) 57/30
- b) 67/40
- c) 40/57
- d) 57/60
- e) 40/67

29. The number of students passed in exam A in 2009 is what percent more than or less than number of students passed in exam B in 2009.

- a) 60.5% less
- b) 62.5% more
- c) 65% more
- d) 65% less
- e) 62.5 %less

30. What is the total number of students passed in exam A and exam B in all the five years?

- a) 2325
- b) 2225
- c) 2521
- d) 2523
- e) 2525

Directions (31-35): Study the table and answer the questions given below.

Given table shows the quantity of Tea and Sugar (in metric tons) exported from different countries in 2019 and quantity of Tea and Sugar imported (in percentage) with respect to previous year import of six countries in 2019.

Countries	Tea		Sugar	
	Export	Import	Export	Import



Table DI for SBI PO Prelims

	(in metric tons)	(in %)	(in metric tons)	(in %)
India	2500	150%	180	20%
U.S.	6000	90%	400	60%
China	4500	50%	320	75%
Germany	5200	60%	360	110%
France	2600	120%	150	80%
Israel	3800	110%	200	100%

31. Total export by Israel in 2019 is what percent more or less than the total export by U.S. in 2019

- a) 37.5% less
- b) 42.5% less
- c) 42.5% more
- d) 37.5% more
- e) None

32. If in 2018 Tea imported by India is 200 metric ton and India's imported Tea and imported Sugar are in ratio 3:2 in 2019, then find the sum of total export of India in 2019 and total import of India in 2018.

- a) 3680
- b) 4010
- c) 3880
- d) 3040
- e) None

33. If total import of China is 25% of what it exported in 2019 and Sugar imported by China in 2019 is 665, then what is the total import of china in 2018.

- a) 1720.67
- b) 1580.67
- c) 1620.67
- d) 1966.67
- e) 1810.67

34. What is the average of Tea exported by all countries in 2019?

- a) 3200
- b) 4100
- c) 3500
- d) 5200
- e) 3600

35. What is the difference between total Tea exported by Germany, France and Israel together to total Sugar exported by India, U.S. and China together.

- a) 10700
- b) 12700
- c) 12500
- d) 10500



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e) None

Directions (36-40): Study the table and answer the questions given below.

Table represents the Cost of production and % profit of Electronics company that produces Laptops over the years 2011 to 2015.

Years	HP		Dell	
	Cost of Production (Rs. in Lakh)	% profit	Cost of Production (Rs. in Lakh)	% profit
2011	300	35%	-----	15%
2012	510	60%	-----	60%
2013	320	75%	420	-----
2014	-----	40%	300	25%
2015	450	80%	720	30%

Note-Some values are missing in table candidate is expected to calculate the missing values if required.

36. Total sale of HP and Dell together in 2012 is 1856, then find cost of production of Dell

- a) 850
- b) 800
- c) 750
- d) 600
- e) 650

37. What is the ratio of sales of HP in 2013 to that of Dell in 2014?

- a) 110/77
- b) 112/75
- c) 75/112
- d) 77/112
- e) 112/77

38. If the total sales of HP and Dell together in 2014 is 1495 lakh, then find the cost of production of HP in 2014

- a) 800
- b) 600
- c) 500
- d) 700
- e) 900

39. If the cost of production of Dell in 2011 is 360 and % profit in 2013 for is 20%, then what is the difference between total selling price of HP and Dell in all the 5 years.

- a) 432
- b) 440



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- c) 438
- d) 442
- e) 532

40. The average sale of HP in 2013 and 2014 together is what percent of average sale of Dell in 2011 and 2015 together.

- a) 125%
- b) 124.44%
- c) 120%
- d) 144.44%
- e) 135%

Directions (41-45): Study the table and answer the questions given below.

The table shows the total number of students in 5 classes from which some participate in two games i.e. Cricket and Football. It also shows the students who do not participate in games and ratio of students who participate in Cricket and Football.

Class	Total students	Ratio of students Cricket :Football	Students who do not play
A	240	4:5	105
B	320	6:5	155
C	280	2:3	85
D	150	4:7	29
E	475	3:4	104

41. What is the total number of students who participate in Cricket from B,C and D together.

- a) 113
- b) 112
- c) 212
- d) 221
- e) 121

42. What is the average number of students who participate in Football from class A, B and C.

- a) 69
- b) 65
- c) 79
- d) 89
- e) 85



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43. What is the ratio of students who participate in Football from class C and D together to students who participate in Cricket from class A and B together?

- a) 75/91
- b) 75/97
- c) 91/75
- d) 97/75
- e) 77/75

44. Students who participate in both games from class C is what percent more or less than the students who participate in Cricket from class A and B together.

- a) 45% more

- b) 30% less
- c) 15% more
- d) 30% more
- e) 15% less

45. If students who participate in Cricket from class B increased by 50% and the students who do not participate in games remains same, then the number of students who participate in Football from class B will reduce to

- a) 15
- b) 90
- c) 50
- d) 45
- e) 30

Directions (46-50): Study the table and answer the questions given below.

Table given below shows number of workers employed in 6 factories during lockdown 2020.

Month	A	B	C	D	E
April	145	90	60	45	320
May	136	120	45	180	400
June	180	145	150	125	240
July	150	96	320	30	180
August	120	81	60	69	120

46. Find the difference between total workers employed by all factories in April and total workers employed by all factories in August.

- a) 150

- b) 240
- c) 270
- d) 210
- e) 180



Table DI for SBI PO Prelims

47. Total number of workers employed by factory E in all the months is approximately what percent of total number of workers employed in all the units in month June.

- a) 250%
- b) 150%
- c) 200%
- d) 175%
- e) 50%

48. In June average no. of workers employed by all factories together

- a) 168
- b) 138
- c) 148
- d) 178
- e) 188

49. Find the ratio of workers employed in B and C together in April to workers employed in A and E together in July.

- a) 25/36
- b) 33/15
- c) 5/11
- d) 33/25
- e) 25/33

50. Total number of workers employed in factory E is approximately what percent more or less than total number of workers employed in factory C in all the months.

- a) 98.42% more
- b) 90.42% more
- c) 98.42% less
- d) 88.42% more
- e) 88.42% less

Table DI - Answer and Explanation

Solutions (1-5):

Unit	No. of Black : No. of White	Difference
A	2750:2475	275
B	2025:1125	900
C	2625:3000	375
D	900:2925	2025
E	1500:3375	1875
F	3025:1925	1100



Table DI for SBI PO Prelims

1. Answer: B

Let's find no. of Black and White shoes by all 6 units

Unit A – Black: White = 10:9

No. of Black shoes = $5225 \times (10/19) = 2750$

No. of White shoes = $5225 \times (9/19) = 2475$

Difference between no. of Black shoes and White shoes = $2750 - 2475 = 275$

Similarly we can find for other units

Maximum difference = Unit D ($900 - 2925 = 2025$)

2. Answer: C

Average number of Black shoes produced in unit B, C and D = $(2025 + 2625 + 900)/3 = 1850$

3. Answer: A

The number of White shoes produced in unit F = 1925

The number of Black shoes produced in Unit A = 2750

Required percentage = $(2750 - 1925)/2750 \times 100 = 30\%$

4. Answer: D

The number of Black shoes produced by units D and E together = 2400

Total number of shoes produced by units D and E together = $3825 + 4875 = 8700$

Required percentage = $2400/8700 \times 100 = 800/29\%$

5. Answer: B

Number of Black shoes produced by units B and F together = $2025 + 3025 = 5050$

White shoes produced by units A and B together = $2475 + 1125 = 3600$

Required ratio = $5050/3600 = 101:72$

Solutions (6-10):

Town	Total voters	Voters who do not vote	Voters who voted	Female out of total voters voted
P	30000	4500	25500	7650
Q	13500	2700	10800	4860
R	28000	5040	22960	9184
S	16000	1920	14080	8448
T	32500	1950	30550	12220

6. Answer: C

From the data given we can calculate Total number of people who have voted from Town P, Q and R together = $25500 + 10800 + 22960 = 59260$

7. Answer: E

Ratio of male to female who voted from town Q = $(10800 - 4860)/4860 = 11:9$

8. Answer: A

Number of male from town T who voted = $30550 - 12220 = 18330$



Table DI for SBI PO Prelims

Number of female from town Q who voted = 4860

Required difference = $18330 - 4860 = 13470$

9. Answer: A

Average number of voters who do not voted from town P, R and T = $(4500 + 5040 + 1950) / 3 = 3830$

10. Answer: D

Ratio of male to female who do not vote is 5:4 from town Q

Number of male voters who do not vote from town Q =

$2700 * 5 / 9 = 1500$

Number of female voters who do not vote from town Q

= $2700 * 4 / 9 = 1200$

Male out of total voters voted from town Q = $10800 - 4860 = 5940$

Total male voters from town Q = $5940 + 1500 = 7440$

Total female voters from town Q = $4860 + 1200 = 6060$

Required ratio = $7440 / 6060 = 124:101$

Solutions (11-15):

	2016	2017	2018	2019	2020
Netflix	20	18	10	12	22
Amazon prime	15	20	10	23	18
Hotstar	25	10	15	15	20
MX player	12	12	20	18	25
voot	18	20	20	10	15
Total	90	80	75	78	100

11. Answer: B

Number of web series by Netflix released in 2017 increased by $100/9\% = 18 * 1/9 = 2$

Number of web series by MX player released in 2017 increased by $25/3\% = 12 * 1/12 = 1$

Total increase = $2 + 1 = 3$

Required percentage = $3/80 * 100 = 3.75\%$

12. Answer: C

Total number of web series released in 2018 = 75

Number of web series released by Amazon prime and MX player together in 2018 = 30

Required percentage = $(75 - 30) / 30 * 100 = 150\%$

13. Answer: C

Web series released by Netflix and Amazon prime together in 2016 = $20 + 15 = 35$

Web series released by Netflix and Amazon prime together in 2020 = $22 + 18 = 40$

Required % = $(35 - 40) / 40 * 100 = -12.5\%$ i.e. 12.5% less

14. Answer: A

No. of web series released by Netflix, Hotstar and Voot together in 2018 = $75 - (10 + 20) = 45$



Table DI for SBI PO Prelims

The ratio of number of web series released by Netflix, Hotstar and Voot in 2018 is 2:3:4 respectively.

$$2x+3x+4x = 45$$

$$9x = 45$$

$$x = 5$$

Number of web series released by Netflix, Hotstar and Voot in 2018 is 10, 15 and 20 respectively.

Average of web series released by Netflix, Amazon prime and Hotstar in 2018 = $(10+10+15)/3 = 35/3 = 11.66$

15. Answer: E

Solutions (16-20):

Total no. of series released by Netflix = $20+18+10+12+22 = 82$

Total no. of series released by Amazon prime = $15+20+10+23+18 = 86$

Total no. of series released by Hotstar = $25+10+15+15+20 = 85$

Total no. of series released by MX player = $12+12+20+18+25 = 87$

Total no. of series released by Voot = $18+20+20+10+15 = 83$

2nd highest = Amazon prime

Farms	Total trees	No. of Mango trees: No. of Banana trees	No. of Coconut trees
P	1150	329:423	398
Q	1300	285:380	635
R	750	152:190	408
S	2100	378:441	1281
T	1850	420:630	800

16. Answer: C

Total number of Banana trees in all the five farms = $423+380+190+441+630 = 2064$

17. Answer: B

Ratio of number of Mango trees in farm T to number of Coconut trees in same farm = $420/800 = 21/40$

18. Answer: A

Total number of Coconut trees in all farms = $398+635+408+1281+800 = 3522$

Total number of Mango trees in all farms = $329+285+152+378+420 = 1564$

Required difference = $3522-1564 = 1958$

19. Answer: D

Total number of Banana trees in farm S = 441

Total number of trees in farm S = 2100



Table DI for SBI PO Prelims

Required percentage = $441/2100 \times 100 = 21\%$

20. Answer: B

No. of Banana trees in farm R after 40 cut down = $190 - 40 = 150$

Total number of trees in Farm R = 750

Required % = $(150-750)/750 \times 100 = -80\%$ i.e. 80% less

Solutions (21-25):

Friends	Salary	Expenditure					Savings
		Home rent	Food	Travel	Others	Total	
Akash	58000	12000	9000	6000	22000	49000	9000
Sagar	56000	10000	12000	8000	16000	46000	10000
Rohit	60000	15000	14000	9000	19000	57000	3000
Varun	72000	12000	8500	9500	21000	51000	21000
Akshay	66000	9000	11500	7500	15500	43500	22500

21. Answer: B

Average salary of all the five friends = $(58000+56000+60000+66000+72000)/5 = 62400$

Average average expenditure of all the five friends = $(49000+46000+57000+51000+43500)/5 = 49300$

Required difference = $62400 - 49300 = 13100$

22. Answer: D

Ratio of total salary of Akash, Rohit and Varun together to the total savings of Akash, Sagar and Rohit together = $(58+60+72)/(9+10+3) = 95/11$

23. Answer: D

Total annual income of Varun = $72000 \times 12 = 864000$

Total annual income of Rohit = $60000 \times 12 = 720000$

Required % = $(864000-720000)/720000 \times 100 = 20\%$ more

24. Answer: D

Total expenditure by Akshay = 43500

Total salary of Varun = 72000

Required percentage = $43500/72000 \times 100 = 60.4\%$

25. Answer: A

Salary of Rohit in next month = 115% of 60000 = 69000

Expenditure of Rohit in next month = 85% of 57000 = 48450

Savings of Rohit in next month = $69000 - 48450 = 20550$

Solutions (26-30):



Table DI for SBI PO Prelims

Years	A		B	
	No. of students appeared	No. of students passed	No. of students appeared	No. of students passed
2006	380	228	440	308
2007	260	117	320	240
2008	420	126	560	224
2009	600	210	700	560
2010	720	180	240	132

26. Answer: B

Average number of students appeared in exam A =
 $(380+260+420+600+720)/5 = 476$

Average number of students appeared in exam B =
 $(440+320+560+700+240)/5 = 452$

27. Answer: A

Number of students passed in exam A in 2007 and 2008 together = $117+126 = 243$

Number of students passed in exam B in 2009 and 2010 together = $560+132 = 692$

Required difference = $692-243 = 449$

28. Answer: D

Ratio of number of students passed in exam A in 2006 to number of students passed in exam B in 2007

Solutions (31-35):

31. Answer: A

Total export by Israel in 2019 = $3800+200 = 4000$

Total export by U.S. in 2019 = $6000+400 = 6400$

$$= 228/240 = 57/60$$

29. Answer: E

Number of students passed in exam A in 2009 = 210

Number of students passed in exam B in 2009 = 560

Required difference = $(210-560)/560 \times 100 = -62.5\%$ i.e. 62.5% less

30. Answer: A

Total number of students passed in exam A and exam B in all the five years

= total no. of students passed in exam A + total no. of students passed in exam B

$$= 861+464 = 2325$$

Required percentage = $(4000-6400)/6400 \times 100 = -37.5\%$ i.e. 37.5% less

32. Answer: C

Tea imported by India in 2018 is 200



Table DI for SBI PO Prelims

Tea imported by India in 2019 = 150% of 200 = 300
India's imported Tea and imported Sugar are in ratio 3:2 in 2019

i.e. Imported Tea by India in 2019 = 300

Imported Sugar by India in 2019 = 200

Now, imported Sugar in India in 2018 = $200 \times 100 / 20 = 1000$

Total export of India in 2019 = $2500 + 180 = 2680$

Total import of India in 2018 = $200 + 1000 = 1200$

Required sum = $2680 + 1200 = 3880$

33. Answer: D

Total import of China is 25% of what it exported in 2019 i.e. $4500 + 320 = 4820$

Total import of china in 2018 = 25% of 4820 = 1205

Sugar imported by China in 2019 is 665

So, Tea imported by China in 2019 = $1205 - 665 = 540$

Now,

Sugar imported by China in 2018 = $665 \times 100 / 75 = 886.67$

Tea imported by China in 2018 = $540 \times 100 / 50 = 1080$

Total import = $1080 + 886.67 = 1966.6$

34. Answer: B

Average of Tea exported by all countries in 2019 = $(2500 + 6000 + 4500 + 5200 + 2600 + 3800) / 6 = 4100$

35. Answer: A

Difference between total Tea exported by Germany, France and Israel together to total Sugar exported by India, U.S. and China together = $(5200 + 2600 + 3800) - (180 + 400 + 320) = 10700$

Solutions (36-40):

Years	HP		Dell	
	Cost of Production (Rs. in Lakh)	Selling price	Cost of Production (Rs. in Lakh)	Selling price
2011	300	405	360	414
2012	510	816	650	1040
2013	320	560	420	504
2014	800	1120	300	375
2015	450	810	720	936

36. Answer: E

In 2012 Cost of production of HP = 510 and profit is 60%

Therefore Selling price = 160% of 510 = 816

Total sale of HP and Dell together in 2012 is 1856

Total sale of Dell = $1856 - 816 = 1040$



Table DI for SBI PO Prelims

Cost of production = $1040 \times 100 / 160 = 650$

37. Answer: B

Ratio of sales of HP in 2013 to that of Dell in 2014 =
(175% of 320)/(125% of 300) = $560/375 = 112/75$

38. Answer: A

Total sales of HP and Dell together in 2014 is 1495 lakh

Total sale of Dell in 2014 = 375

Total sale of HP = $1495 - 375 = 1120$

Cost of production of HP in 2014 = $1120 \times 100 / 140 = 800$

39. Answer: D

Selling price of Dell in 2011 = 115% of 360 = 414

Selling price of Dell in 2013 = 120% of 420 = 504

Required Difference = $(405 + 816 + 560 + 1120 + 810) - (414 + 1040 + 504 + 375 + 936) = 3711 - 3269 = 442$

40. Answer: B

Average sale of HP in 2013 and 2014 together =
 $(560 + 1120) / 2 = 840$

Average sale of Dell in 2011 and 2015 together =
 $(936 + 414) / 2 = 675$

Required % = $(840 / 675) \times 100 = 124.44\%$

Solutions (41-45):

Class	Total students	No. of students Cricket :Football	Students who do not play
A	240	60:75	105
B	320	90:75	155
C	280	78:117	85
D	150	44:77	29
E	475	159:212	104

41. Answer: C

Number of students who participate in Cricket from B, C and D together = $90 + 78 + 44 = 212$

42. Answer: D

Average number of students who participate in Football from class A, B and C = $(75 + 75 + 117) / 3 = 89$

43. Answer: D

Ratio of students who participate in Football from class C and D together to students who participate in Cricket from class A and B together = $(117 + 77) / (60 + 90) = 97/75$

44. Answer: D

Students who participate in both games from class C =
 $117 + 78 = 195$



Table DI for SBI PO Prelims

Students who participate in Cricket from class A and B together = $60+90=150$

Required percentage = $(195-150)/150 \times 100 = 30\%$ more

45. Answer: E

If students who participate in Cricket from class B increased by 50% i.e. = 150% of 90 = 135

Students who do not participate in games remains same i.e. = 155

Number of students who participate in Football from class B = $320-(135+155)=30$

Solutions (46-50):

46. Answer: D

Difference between total workers employed by all factories in April and total workers employed by all factories in August = $(145+90+60+45+320)-(120+81+60+69+120)=210$

47. Answer: B

Total number of workers employed by factory E in all the months = $320+400+240+180+120=1260$

Total number of workers employed in all the units in month June = $180+145+150+125+240=840$

Required percentage = $1260/840 \times 100 = 150\%$

48. Answer: A

In June average no. of workers employed by all factories together = $(180+145+150+125+240)/5=168$

49. Answer: C

Ratio of workers employed in B and C together in April to workers employed in A and E together in July = $(90+60)/(150+180)=150/330=5/11$

50. Answer: A

Total number of workers employed in factory E in all the months = $320+400+240+180+120=1260$

Total number of workers employed in factory C in all the months = $60+45+150+320+60=635$

Required % = $(1260-635)/635 \times 100 = 98.42\%$ more

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