

## TABLES - I

(Ref: FM-DILR2022023)

**Directions: Study the following information carefully and answer the given questions.**

The following table shows the total number of people bought books from 6 different stores in May 2019 and the ratio of male and female among them.

Stores	Total people = 2400	Male : Female
A	18%	5 : 3
B	15%	4 : 5
C	20%	2 : 1
D	21%	2 : 7
E	14%	3 : 5
F	12%	11 : 7

- Find the difference between the total number of males bought books from store A and B together to that of total number of females bought books from store E and F together?  
a) 108                      b) 115  
c) 136                      d) 127                      e) None
- Find the ratio between the total number of people bought books from store C to that of total number of females bought books from store D?  
a) 47: 55                      b) 60: 49  
c) 52: 43                      d) 75: 67                      e) None
- Total number of males bought books from store A and F together is approximately what percentage of total number of females bought books from store B?  
a) 223 %                      b) 192 %  
c) 256 %                      d) 177 %                      e) 165 %
- Find the total number of females bought books from store B, C, D and E together?  
a) 844                      b) 916  
c) 872                      d) 962                      e) None
- If the percentage of horror books bought from store B and C is 45 % and 60 % respectively, then find the total number of story books bought from store B and C together (The available books from all the stores are Horror and Story books only)?  
a) 420                      b) 390  
c) 360                      d) 440                      e) None

**Directions: Study the following information carefully and answer the given questions.**

The following table shows the number of seats won by various political parties in the legislative assembly elections of 5 different states in a certain year.

States	Trinamool congress	BJP	Indian National Congress	Aam Aadmi party	Other parties
Karnataka	42	120	28	18	22
Kerala	28	72	22	10	8
Punjab	9	68	26	11	6
Delhi	12	7	8	41	2
West Bengal	125	39	66	40	31

- If 30 % of winning candidates of BJP in Karnataka is female candidates and 35 % of winning candidates of Aam Aadmi party in West Bengal are female candidates, then find the ratio between the total number of male winning candidates of BJP in Karnataka to that of Aam Aadmi party in West Bengal?  
a) 35: 11                      b) 27: 16  
c) 31: 9                      d) 42: 13                      e) None
- Find the difference between the total assemblies in Kerala to that of Punjab?  
a) 50                      b) 20  
c) 30                      d) 65                      e) None
- Find the average number of winning candidates in Indian National Congress in all the given states?  
a) 30                      b) 25  
c) 20                      d) 35                      e) None
- The total assemblies in Delhi is approximately what percentage more/less than the winning candidates of Trinamool congress in all the given states together?  
a) 50 % more                      b) 50 % less  
c) 70 % less                      d) 70 % more                      e) 60 % more
- If 25 % of the winning candidates in Punjab is 30 years less than the age and 70 % of the winning candidates in Delhi is 30 years more than the age, then the total number of winning candidates having the age of more than 30 years in Punjab is approximately what percentage of the total number of winning candidates having the age of less than 30 years in Delhi?  
a) 430 %                      b) 360 %  
c) 300 %                      d) 450 %                      e) 280 %

**Directions: Study the following information carefully and answer the given questions.**

The following table shows the total amount spent (In crores) for 5 different sports in 6 different years in India. Some values are missing.

	2012	2013	2014	2015	2016
Golf	330	-	-	450	480
Basket ball	-	480	500	-	530
Tennis	-	550	570	-	580
Kabaddi	-	450	-	530	570
Football	480	460	420	500	510
Hockey	-	-	370	420	430

- If the ratio between the total amount spent on Golf to that of basketball in the year 2012 is 3 : 4 and the average amount spent on Basketball in all the given years together is 488 crore, then find the total amount spent on Basketball in the year 2015?  
a) 460 Crore                      b) 490 Crore  
c) 510 Crore                      d) 540 Crore  
e) None

12. If the total amount spent on golf in the year 2012 and 2013 together is 750 crore and the total amount spent on Hockey in the year 2013 is 80 crore less than the total amount spent on Hockey in the year 2015, then find the average amount spent in the year 2013 for all given sports together?
- a) 420 crore      b) 380 crore  
c) 400 crore      d) 450 crore      e) None

13. The total amount spent on Basket ball and Kabaddi in the year 2013 is approximately what percentage of total amount spent on Hockey in the year 2015 and 2016 together?
- a) 95 %      b) 110 %  
c) 130 %      d) 75 %      e) 120 %

14. Find the difference between the total amount spent on Football to that of Hockey in all the given years together, if the ratio between the total amount spent on Hockey in the year 2012 and 2013 is 16 : 17 and the total amount spent on Hockey in the year 2013 is 340 Crore?
- a) 490 crore      b) 450 crore  
c) 510 crore      d) 530 crore      e) None

15. The total amount spent on Kabaddi in the year 2015 and 2016 together is approximately what percentage more/less than the total amount spent on Tennis in the year 2013 and 2014 together?
- a) 2 % more      b) 15 % less  
c) 2 % less      d) 15 % more      e) 20 % less

**Directions: Study the following information carefully and answer the given questions:**

Following table shows different types of items sold by the shopkeeper and its cost price, discount, Profit/Loss % and Mark-up % also given.

Items	Cost price (In Rs.)	Profit/Loss %	Discount (In Rs.)	Mark-up %
A	500	+ 20 %	25	-
B	600	- 5 %	60	5%
C	480	-	24	15%
D	-	- 6 %	65	-
E	-	+ 18 %	18	20%

16. Find the ratio between the mark-up % of Item A to that of Item E?
- a) 3: 5      b) 2: 3  
c) 5: 4      d) 6: 7      e) None
17. Find the profit/loss % earned by selling the Item C?
- a) 10 %      b) 14 %  
c) 20 %      d) 18 %      e) None
18. If the cost price of Item A to that of Item D is in the ratio of 10: 13, then find the difference between the marked price of Item D to that of Item B?
- a) Rs. 58      b) Rs. 64  
c) Rs. 72      d) Rs. 46      e) None
19. The cost price of Item E is 80 % more than the cost price of Item A. The selling price of Item E is 160 less than twice the selling price of Item D. Find the cost price of Item D?

- a) Rs. 700      b) Rs. 650  
c) Rs. 800      d) Rs. 850      e) None

20. Find the average selling price of Item A, B and C?
- a) Rs. 584      b) Rs. 572  
c) Rs. 566      d) Rs. 528      e) None

**Directions (21-25): Study the following information carefully and answer the following question:**

Jobs	Number of Man employed	Number of woman employed	Time by Men and women to complete the job(Days)	Efficiency of man to Woman (Ratio)
P	20	25	10	4:3
Q	15	10	15	6:5
R	10	20	18	4:3
S	12	18	15	2:1
T	25	10	8	5:3

21. 6 men and 9 women started the job P together but after 8 days 2 men left the work and 3 women joined, then in how many days the remaining job will be completed?
- a) 24(3/70)      b) 21(23/26)  
c) 10(1/19)      d) 21(25/26)      e) 48(3/8)
22. Job S was completed in 10 days with the help of 7 children then, find in how many days 6 women and 12 children will complete job S?
- a) 15      b) 30  
c) 10      d) 40      e) 48
23. Due to urgency the job R need to be completed in 15 days so find how many more men should be employed to complete the work in 15 days?
- a) 2      b) 3  
c) 5      d) 4      e) 48
24. 15 men and 5 women started the job T together but after 10 days all the women left and the remaining work was completed by only men so find the wages received by each women for their contribution in the job if the total wages received by them is Rs 3720?
- a) 24      b) 90  
c) 10      d) 40      e) 48
25. If the efficiency ratio of man to children is 6:5. 'X' number of children's were employed in job Q with the given men and women and the work got completed in 10 days so find the value of 'X'?
- a) 14      b) 30  
c) 10      d) 40      e) 48

**Direction: Study the following information carefully and answer the following questions given below.**

The table shows the percentage of marks obtained by different students in different subjects

Subject Student	English	Hindi	Maths	Science	Social
Rime	70	80	92	95	74
Isha	65	58	78	82	80
Akansha	50	54	60	65	70
Sneha	72	62	76	72	58
Karan	58	50	59	46	60
Akash	84	85	90	90	60
Ishant	70	75	64	80	70

26. If maximum marks in Mathematics is 250, then what are the average marks scored by Rima, Isha, Akansha and Ishant together in mathematics?  
a) 183.75                      b) 120.75  
c) 184.5                        d) 165.75  
e) 155.25
27. If the marks scored by Rima in Hindi and Social sciences are 160 and 222 respectively, then what is the ratio of marks scored by Isha in Hindi to the marks scored by Akansha in Social sciences?  
a) 57: 105                      b) 54: 103  
c) 58: 105                      d) 61: 103  
e) 63: 105
28. If total marks in English are 200, then what is the average of marks scored by all 7 given persons in English?  
a) 124                          b) 154  
c) 157                          d) 134  
e) 121
29. Total marks scored by Rima and Akansha in Mathematics are what percent of total marks scored by Karan and Akash in science?  
a) 110%                        b) 113.23%  
c) 122.25%                    d) 109.50%  
e) Data insufficient.
30. If maximum marks in Science and Mathematics are equal, then what is the ratio of total marks scored by all 7 students in Science to the total marks scored by all 7 students in Mathematics?  
a) 537:519                      b) 530:523  
c) 530:519                      d) 523:511  
e) 531:517

**Directions: Study the following information carefully and answer the given questions.**

The following table shows the strength of six different schools in 2014 and 2016 and also shows the percentage increase/decrease in 2015 and 2016. Some data are missing.

Scho ols	Stren gth in 2014	Percentage increase/de crease in 2015	Percentage Increase/de crease In 2016	Stren gth in 2016
P	1500	+10 %	-	1980
Q	2000	-	-8%	1748
R	2200	+15 %	-10 %	-
S	1800	-	+10 %	1881
T	-	-15 %	+25%	2550
U	2500	-20 %	+15%	-

NOTE:

(+) sign indicates % increase and (-) sign indicates % decrease.

31. Find the sum of strength of school U in 2015 and the strength of school R in 2016?  
a) 3456                          b) 2389  
c) 4277                          d) 4215  
e) None
32. Percentage increase/decrease in the strength of school P in 2016 is what percent of the percentage increase/decrease in the strength of school Q in 2015?  
a) 450 %                        b) 400 %  
c) 320 %                        d) 250 %  
e) None
33. Strength of school T in 2014 is what percentage more than the strength of school Q in 2014?  
a) 20 %                        b) 18 %  
c) 15 %                        d) 22 %  
e) None
34. Find the sum of strength of all the schools in 2016?  
a) 13245                        b) 12736  
c) 11637                        d) 14235  
e) None
35. Find the respective ratio of the percentage increase/decrease in the strength of S in 2015 and that of P in 2016?  
a) 9 : 4                        b) 2 : 3  
c) 1 : 4                        d) 3 : 2  
e) None

**Directions: Study the following information carefully and answer the given questions:**

The table below shows the sum invested by different person, rate of interest, time period, total amount they received and the compound interest they received at the end. Some data's are missing.

Person	Principle (In Rs.)	Rate of interest (r%)	Time period (n)	Total amount (In Rs.)	Compound interest (In Rs.)
Pavithra	20000	8%	2	-	-
Vasu	15000	7%	-	-	3375.645
Sree	-	-	2	28090	-
Sindhu	-	5%	-	11025	-
Mahi	-	-	3	-	9930
Ganesh	40000	8%	2	-	-

36. Find the total amount invested by Pavithra, if the interest compounded annually?
  - a) Rs. 24136
  - b) Rs. 23782
  - c) Rs. 23328
  - d) Rs. 22994
  - e) None
37. If the ratio between the principle amount invested by Vasu and Sree is 3 : 5, then find the rate of interest for Sree(if the interest compounded annually)?
  - a) 8 %
  - b) 10 %
  - c) 5 %
  - d) 6 %
  - e) None
38. If the total principle amount invested by Sindhu is half of the principle amount invested by Pavithra, then find the number of years the principle amount invested by Sindhu (if the interest compounded annually)?
  - a) 2 years
  - b) 1 year
  - c) 3 years
  - d) 4 years
  - e) None
39. Find the average principle amount invested by Pavithra, Vasu, Mahi and Ganesh, if the ratio of rate of interest for Sindhu and Mahi is 1: 2 (if the interest compounded annually)?
  - a) Rs. 25780
  - b) Rs. 26250
  - c) Rs. 26600
  - d) Rs. 27125
  - e) None
40. Find the compound interest received by Ganesh, if the interest compounded half yearly?
  - a) Rs. 5987.128
  - b) Rs. 6523.276
  - c) Rs. 6652.784
  - d) Rs. 6794.342
  - e) None

**Direction:** Total number who attended the workshop = Number of Literates + Number of illiterates

Day	No. of literates (males+ Females)	Overall ratio (Illiterate: literates) (out of those who attended)	Number of males (literates + illiterates) (out of those who attended)
Monday	420	5:6	250
Tuesday	350	3:5	240
Wednesday	320	5:4	320
Thursday	300	6:5	300
Friday	420	2:3	320

41. The total number of people (literates + illiterates) who attended the workshop on Monday was what % more than those who attended on Friday?
  - a) 12%
  - b) 10%
  - c) 15%
  - d) 18%
  - e) None
42. On Friday, if 192 illiterate males attended the workshop, what was the number of literate females who attended the workshop on that day?
  - a) 292
  - b) 300
  - c) 275
  - d) 280
  - e) None
43. On Saturday, if the number of illiterates (males + females) increased by 40 % and that of literates (males + females) reduced by 20 %, as compared to Tuesday, what was the difference between the number of literates and illiterates who attended the workshop on Saturday?
  - a) 12
  - b) 14
  - c) 15
  - d) 18
  - e) None
44. What is the average number of illiterates (males + females) who attended the workshop on Monday, Wednesday and Thursday?
  - a) 390
  - b) 400
  - c) 300
  - d) 370
  - e) None
45. What is the ratio of the total number of males (Literates + Illiterates) who attended the workshop on Tuesday and Friday together to that of females (literates and Illiterates) who attended the workshop on Tuesday and Wednesday together?
  - a) 5:9
  - b) 9:7
  - c) 7:9
  - d) 1:3
  - e) None

**Directions: Study the following information carefully and answer the given questions.**

The following table shows the total number of peoples went for a science conference in different days in a week and the ratio of male and female among them and the percentage of people of age less than or equal to 25 years.

Days	Total Number of peoples	Male : Female	%of people of age less than or equal to 25 years
Monday	450	5:4	52%
Tuesday	300	1:2	36%
Wednesday	500	12:13	45%
Thursday	350	3:2	48%
Friday	400	5:3	30%
Saturday	600	5:7	46%

46. Total number of male went for a science conference in Monday and Wednesday together is what percentage of total number of female went for a science conference in Tuesday and Friday together?
  - a) 120 %
  - b) 130 %
  - c) 140 %
  - d) 100 %
  - e) 110 %

47. Find the difference between the total number of people of age above 25 years went for a conference in Thursday to that of Saturday?  
a) 142                      b) 128  
c) 116                      d) 164  
e) None
48. Out of the total number of people of age less than or equal to 25 years went for a science conference in Wednesday, 44 % are females, then find the total number of females of age above 25 years went for a science conference in Wednesday?  
a) 152                      b) 144  
c) 135                      d) 161  
e) None
49. Find the average number of males went for a science conference in Monday, Tuesday, Wednesday and Thursday together?  
a) 350                      b) 200  
c) 400                      d) 250  
e) None
50. Total number of people went for a science conference in Tuesday and Saturday together is what percentage more than the total number of people went for a science conference in Friday?  
a) 125 %                      b) 150 %  
c) 75 %                      d) 100 %  
e) 200 %

**Directions: Study the following information carefully and answer the given questions:**

Following table shows the percentage expenditure (Food, Rent, Transport, Hospital fees, Children's education and others) of 5 different persons.

Persons	% expenditure from monthly income					
	Food	Rent	Transport	Hospital fees	Children's education	Others
A	23%	15%	10%	5%	25%	22%
B	21%	12%	8%	7%	22%	30%
C	18%	14%	12%	8%	24%	24%
D	20%	18%	7%	4%	23%	28%
E	24%	16%	9%	6%	20%	25%

Income = Expenditure + Savings

51. If the monthly income of person A and C is Rs. 45000 and Rs. 60000 respectively and their percentage of savings are 20 % and 24 % respectively, then find the difference between the total expenditure spent on Food, Transport, Children's education and Others of Person A to that of total expenditure spent by the person C except children's education?  
a) Rs. 6230                      b) Rs. 7145  
c) Rs. 5856                      d) Rs. 6724  
e) None
52. If the amount of money spent on Food and Transport together by B and D is Rs. 14500 and Rs. 17550 respectively and their saving are Rs. 10000, Rs. 15000 respectively, then find the ratio between the monthly income of B to that of D?  
a) 3: 4                      b) 4: 5

- c) 2: 3                      d) 5: 6  
e) None

53. The ratio of monthly income of B and E is 2: 3. The amount of money spent on Rent by the person B is Rs. 5400 and savings of B is Rs. 15000. Find the amount spent by E on Food and Children's education together?  
a) Rs. 42500                      b) Rs. 48700  
c) Rs. 33200                      d) Rs. 39600  
e) None
54. If the amount of money spent on Children's education by A is Rs. 9000 and the percentage of savings is 20 %, then find the monthly income of A?  
a) Rs. 36000                      b) Rs. 45000  
c) Rs. 42000                      d) Rs. 38000  
e) None
55. The amount of money saved by the person E is Rs. 22500. Find the amount of money spent by E on Transport and Hospital fees together, if the percentage of saving of E is 25 %?  
a) Rs. 15800                      b) Rs. 16400  
c) Rs. 14300                      d) Rs. 10125  
e) None

**Directions: Study the following information carefully and answer the given questions.**

The following table shows the percentage of discounts allowed by different shops on different items.

Shops	Mobile	Tablets	Laptop	Camera
A	10%			20%
B		25%		16%
C	18%		14%	
D		15%		20%
E	30%		25%	

56. The marked price of Mobile sold by shop C and E were equal and the total discount allowed by these shops was Rs. 9600 then find the cost price of the mobile sold by shop C if the shopkeeper earned 25% profit on the mobile?  
a) Rs. 13120                      b) Rs. 15300  
c) Rs. 18250                      d) Rs. 20750  
e) None
57. The selling price of laptop sold by shop D was equal to the total selling price of tablet and camera sold by the same shop while the difference between the selling price of tablet and camera is Rs. 1500 and both the items (tablet and camera) have same market price, then find the profit earned in laptop sold by the shopkeeper of shop D if he earns profit of 10% by selling the laptop?  
a) Rs. 5300                      b) Rs. 4500  
c) Rs. 3000                      d) Rs. 2000  
e) Rs. 1600
58. The selling price of mobile and tablet of shop B is in ratio of 2: 3. If the shopkeeper earns a profit of 25% on mobile which is equal to Rs. 500 and 20% on tablet then find the total profit earned by the seller?

- a) 1125                      b) 1120  
c) 3015                      d) 2023  
e) 1612

59. If the selling price of camera sold by shop A is Rs. 28000 and the profit earned by the shopkeeper is 25% then find the difference between the profits earned by the seller if he decreases the rate of discount to 10% from 20%?

- a) Rs. 2800                      b) Rs. 1500  
c) Rs. 3500                      d) Rs. 2400  
e) None

60. If the marked price of laptop sold by shop E is twice the camera sold by shop B and total selling price of these items is Rs. 18720 then find the profit earned by shop E on selling the laptop if percentage profit on the laptop is 20%?

- a) Rs. 1300                      b) Rs. 1500  
c) Rs. 3000                      d) Rs. 2000  
e) None

**Directions: Study the following and answer the following questions.**

The table shows that the percentage of people of different age group who cast their vote in the election conducted in a school of five different sections for the post of student welfare leader.

Age group	(3-5)	(5-8)	(9-12)	(13-15)	(16-18)
Section A	47%	31%	17%	–	4%
Section B	–	38%	–	19%	6%
Section C	40%	22%	–	18%	12%
Section D	–	35%	19%	17%	8%
Section E	42%	–	18%	12%	–

61. If the number of students who cast their vote from section E in the age group of (13-15) years is 720 and the number of students who cast their vote in the age group of (3-5) years from section C are 1000 then find the ratio of the number of students who cast their vote from section E in age group (3-5) years and the total number of students who are more than 8 years of age cast their vote from Section C.

- a) 361.34                      b) 561.43  
c) 546.31                      d) 252:95                      e) 435.56

62. If the number of students who cast their vote from section D in the age group (3-5) are 1250 and the number of students who cast their vote from section B in the age group of (13-15) years are 20% more than the total number of students who cast their vote from section D. Then find the approximate total number of students who cast their vote from section B in all age group?

- a) 27851                      b) 56430  
c) 37594                      d) 43694                      e) 23167

63. If the number of students who are more than 12 years of age cast their votes from section B are half the total number of students who are less than 13 years of age cast their vote from section A. Then total number of students who cast their vote from section B in all age group are what percent of the total number of students who cast their vote from section A in all age group?

- a) 210%                      b) 420%  
c) 231%                      d) 210%                      e) 190%

64. If total number of students who cast their vote from section C are 800, then the number of students of more than 8 years of age who cast their vote from section C are approximately what percent more/less than the no. of students less than 9 years of age who cast their vote from section C?

- a) 24%                      b) 39%  
c) 50%                      d) 45%                      e) 71%

65. Out of the total number of students who cast their vote from section E, 60% of them are male then find the number of male who cast their vote from section E in the age group (16-18) if total number of students who cast their vote from section E are 400.

- a) 420                      b) 320  
c) 510                      d) None of these  
e) Cannot be determined

### Answer Key

1. A	2. B	3. A	4. D	5. B	6. D	7. B	8. A	9. C	10. A
11. B	12. D	13. B	14. A	15. C	16. C	17. A	18. D	19. B	20. C
21. B	22. A	23. C	24. B	25. B	26. A	27. C	28. D	29. E	30. C
31. C	32. B	33. A	34. B	35. C	36. C	37. D	38. A	39. B	40. D
41. B	42. A	43. B	44. D	45. C	46. C	47. A	48. D	49. B	50. A
51. C	52. A	53. D	54. B	55. D	56. A	57. B	58. A	59. C	60. D
61. D	62. C	63. E	64. B	65. E					