Direction (16-20): In each of the questions below are given some statements followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance

with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts. (a) If only conclusion I follows. (b) If only conclusion II follows. (c) If either conclusion I or II follows. (d) If neither conclusion I nor II follows. (e) If both conclusions I and II follow. RCTCKSULT. Q17. Statements: Z X < C ≤ V; B > C < G H ≤ J **Conclusion:** I: Z<G . 1 II: X<J Q18. Statements: Q≥W≥E≥R<T<Y≤U≤I Conclusion I: Q≥T X II: R≤I Direction (21-25): Study the following information carefully and answer the questions given below In a certain code language: "Never talk between others" is coded as "sm nt ro fi" "Others should be helpful" is coded as "ro el ac jq" "Never be time specific" is coded as "fi dg el pa" "Focus between specific hours" is coded as "hy dg nt ks" Q21. What is the code for "Never together" in the given code language? (a)nt ro (b)ro fi (c)fi uy 4 p (d)jqnt. (e) None of these Q22. What is the code for "specific" in the given code language? (a)dg (b)ac (c)jq (d)fi (e)None of these Q23. What is the code for "Others" in the given code language? (a) sm (b) ro (c) el (d) pa (e) None of these Q24. The code "el" is coded as which of the following word? (a) never (b) time (c) focus (d) be (e) None of these Direction (26-29): Study the following information carefully and answer the questions given below: Six persons are sitting in a row facing to the north and they have different ages but not necessarily in the same order. C sits 3rd from one of the end. The one who is 12 year old sits 2nd to the right of C. The number of persons sit right of the one who 12 year old is same as the number of persons sit to the left of D. O sits 2<sup>nd</sup> to the right of the one who is 6 year old. (Two persons sit between D and B, 36 18 whose age is twice than D N sits to the right of P. The one who 36 year old sits 3rd to the left of the one who 15 year old. The age of 0 is 18 year. Q26. If P is 3 year older than C, then which of the following is the age of P? (a) 39 Years 12 (b) 33 Years (c) 21 Years (d) 9 Years (e) None of these

| (b) 33 Years                 |                                  |                               | 192)                  | ⊅.            | ₩. ·=.                |
|------------------------------|----------------------------------|-------------------------------|-----------------------|---------------|-----------------------|
| (c) 21 Years                 |                                  |                               |                       |               | i <b>k</b>            |
| (d) 9 Years                  |                                  |                               |                       | ••            | <i>7</i> \            |
| (e) None of these            |                                  |                               | . 5                   | 0-17          |                       |
|                              |                                  |                               | B=2V                  | B=12          |                       |
| Q27. What is the total       | age of C and B?                  |                               |                       |               |                       |
| (a) 44                       |                                  |                               |                       |               |                       |
| (b) 48                       |                                  |                               |                       |               |                       |
| (c) 18                       |                                  |                               |                       |               |                       |
| (d) 42                       |                                  |                               |                       |               |                       |
| (e) 27                       |                                  |                               |                       |               |                       |
| 000 11                       |                                  |                               |                       |               |                       |
| Q28. How many persons        | s sit between P and D?           |                               |                       |               |                       |
| (a) More than three (b) None |                                  |                               |                       |               |                       |
| (c) Two                      |                                  |                               |                       |               |                       |
| (d) One                      |                                  |                               |                       |               |                       |
| (e) None of these            |                                  |                               |                       |               |                       |
| (c) Hone of these            |                                  |                               |                       |               |                       |
| Q29. Who among the fo        | ollowing sits at the extreme en  | d of the row?                 |                       |               |                       |
| (a) C                        |                                  |                               |                       |               |                       |
| (b) B                        |                                  |                               |                       |               |                       |
| CAN                          |                                  |                               |                       |               |                       |
| (d) 0                        |                                  |                               |                       |               |                       |
| (e) D                        |                                  |                               |                       |               |                       |
|                              |                                  |                               |                       |               |                       |
| Q35. In the given word       | 'SPLENDOR', in which consor      | ant changed into its prev     | vious letter and the  |               |                       |
| vowel into its next lette    | r (according to the alphabetic   | al order) and then all lette  | ers are arranged in   | Col           | S O CI.               |
| alphabetical order from      | left to right then which of the  | following letter is fifth fro | om the left end?      | SYLE          | NDOR                  |
|                              |                                  |                               |                       | <u>.</u>      |                       |
| (a) R                        |                                  | 1. 10                         | 6 0 0 D               |               | d with of P (S)       |
| (b) 0                        |                                  | CFKM                          | DYUK                  | I KOK.        | r in p i s.           |
| (c) K                        |                                  |                               | •                     | \ <del></del> |                       |
| (d) M                        |                                  |                               |                       |               |                       |
| (e) C                        |                                  |                               |                       |               |                       |
|                              |                                  |                               |                       |               |                       |
| Di                           | habla abaara ha data af          |                               | Charles the date      |               |                       |
|                              | ven table shows the data of p    | opulation in 5 different p    | arks. Study the data  |               |                       |
| carefully and answer t       |                                  | T 1 1 1 1                     | M. L.                 |               | Female = Total,       |
|                              | Parks Total Population           | Female population             | Male                  | Malet         | pemale - 1010         |
|                              | A (400).                         | 150                           | 250.                  |               |                       |
|                              | В 500.                           | 200                           | 300                   |               |                       |
|                              | C 700 .                          | 350 .                         | 350.                  |               |                       |
|                              | D 800                            | 450                           | 359.                  |               |                       |
|                              | Е 900                            | 500                           | 400.                  |               |                       |
|                              | Total population = Male populat  | tion + Female population)     | 40.                   |               |                       |
| 860                          |                                  |                               |                       |               |                       |
| Q36. If 20% of total po      | pulation did not visit on a part | icular day in park A of wh    | ich male population   |               |                       |
| was 60% then what pe         | rcent of total population in pa  | rk B is male population w     | ho visited in park A? | 3×320         |                       |
| (a) 45%                      |                                  |                               |                       | 3 400         | = 192                 |
| (b) 40.4%                    | Vicited -                        | 220 - 4.0-                    | -197                  | 3×320         | - 192                 |
| (c) 39.2%                    | 01011-01                         | Male                          | 7(1/2:)               | 8             |                       |
| (d) 48.6%                    | 100 - 100                        |                               | $\cdot$               |               |                       |
| (e) None of these            | lol m. K.                        | 192 -38.4 Fem                 | de = 126              |               |                       |
|                              | -500                             | 1                             | <i>—</i>              |               |                       |
| Q38. By what percent         | female population in park D      | more or less than the ma      | le population in park |               |                       |
| E?                           |                                  |                               |                       |               |                       |
|                              | 450 ,                            |                               | 400                   |               |                       |
|                              | •                                | 150-400 = (50)                |                       | 0 =           |                       |
| (a) 15%                      | - 4                              | 150-100 -(50)                 | · 50 ×10              | 0 -           |                       |
| (b) 9.09%                    |                                  |                               |                       |               |                       |
| (c) 11.11%                   |                                  |                               | 50,410                |               |                       |
| (d) 14.28%                   |                                  |                               |                       |               |                       |
| (a) 12.5%                    |                                  | _                             |                       |               |                       |
| (1) 12.570                   | 250+350=60                       | ou'                           |                       |               |                       |
| 039. What is ratio of        | male population in park A &      | D together to                 |                       |               |                       |
| female population in p       |                                  | - together to                 |                       |               |                       |
| (a) 6:7                      |                                  |                               |                       | Female popul  | ation >80 < 80        |
| (b) 1:1                      | 200+500=700                      |                               |                       | <u> </u>      |                       |
| (c) 7 : 6                    |                                  |                               |                       | 200           | ·>0                   |
| (d) 5 : 6                    |                                  |                               |                       | ß             | مردا م <sub>ق</sub> ع |
| (e) 5 : 7                    |                                  |                               |                       | 350.          | 30 320                |
| (0) 5 . /                    |                                  |                               | 7                     | 450           | 30 420                |
| 040. If 30 females from      | n each park are above 80 yea     | rs age then find the avera    | age of no. of females | 500           |                       |
|                              | l to the age of 80 years from a  |                               | go of ionales         | 500           | 30 . 470              |
| (a) 295                      |                                  |                               | -                     |               | 1501                  |
| (b) 285                      |                                  |                               | 1500                  |               | 1300                  |
| (e) 300                      |                                  |                               | (30)                  |               |                       |
| (d) 280                      |                                  |                               | · <b>S</b>            |               |                       |
| (e) 290                      |                                  |                               |                       |               |                       |

Q41. The ratio of ages of A and B 4 years ago was 5:3. The <u>sum of present ages of A, B and C is 80 years.</u> If present age of C is equal to sum of present ages of A and B. find the present age of A.

BC.

A

Q52. If in city A, the ratio of male graduates to female graduates is 3:4 and total graduates in the city are 70% of total population. Find population of females who are not graduate.

Q51. By what percent total population of city A is more or less than that of city D?

(a) 120

(a) 45% (b) 35% (c) 70% (d) 30% (e) 60%

- (b) 50
- (c) 90

| city are 70% of total population. Find population of females who are not graduate. |
|--|
| (a) 120  |
| (b) 50   |
| (c) 90   |
| (d) 70   |

Q53. What is average of male population in all cities?

(b) 455

(e) 135

(c)440

(d) 460 (e) 430

Q56. X liters of milk is taken out and replaced with water from a container having 240 liters milk. Now, 20% of the mixture is taken out and replaced with water. In final mixture, the difference in quantity of milk & water is 128 liters. Find X.

(a) 12

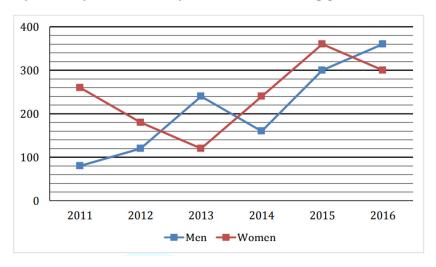
(b) 10

(c) 9

(d) 11

(e)8

Direction (66-70): Line chart given below shows number of labors (men and women) working in six different years. Study the data carefully and answer the following questions.



Q68. Number of Men working in 2017 is 15% more than that of 2015 while number of Women working in 2017 is 40% less than that of 2014. Find total number of labors (Men + Women) working in 2017?

(a) 561

(b) 456

(c)489

(d) 594

(e) 630

Q69. Find the ratio between total number of Labors working in 2012 and 2013 together to total number of labors working in 2015 and 2016 together?

(a) 2:1

(b) 1:2

(c)35:66

(d) 11:10

(e) None of the given options

Q70. Total number of Men working in all six years is how much more/less than total number of Women working in all six years together?

- (a) None of the given options
- (b) 140
- (c) 160
- (d) 180
- (e) 200

## Directions (71-76): Find the wrong number in the following number series:

```
Q73.251, 252, 254, 227, 243, 118, 154
(a) 251
(b) 252
(c) 227
(d) 243
(e) 154
Q74.141, 156, 147, 162, 153, 165, 159
(a) 156
(b) 153
(c) 147
(d) 165
(e) 159
Q75.2, 6, 10, 19, 36, 69, 134
(a) 134
(b) 69
(c) 6
(d) 2
(e) 10
Q76.0.5, 2, 1, 4, 32, 512, 16384
(a) 1
(b) 2
(c) 4
(d) 32
(e) 512
```

Q79. In a class there are 30 girls and 15 boys and total average weight of class is  $47\frac{7}{15}$  kg. Total average weight of boys is 58 kg. Find the approximate average weight of girls?

- (a) 32 kg
- (b) 42 kg
- (c) 52 kg
- (d) 35 kg
- (e) 50 kg

**Direction (81-85):** There are 450 coupons which can be used in Pedicure and Hair cutting. Ratio between Males to Females who use their coupons in Hair cutting is 13:7 Number of males who use their coupons in Pedicure is 72 more than number of females who use their coupon in Hair cutting. Total number of males who use their coupon in Pedicure and Haircutting together is 174 more than total number of females who use their coupon in Pedicure and Haircutting together.

Q83. Females who use their coupon in Haircutting is how much more than Females who use their coupon in Pedicure?

- (a) 15
- (b) 45
- (c) 30
- (d) None of the given options
- (e) 60

Q84. Out of males who use their coupons in Haircutting, 25% belongs to city A, then find number of males who use their coupons in Haircutting which doesn't belongs to city A?

- (a) None of the give options
- (b) 108
- (c) 126
- (d) 117
- (e) 135

Q85. Ratio between Males who use their coupon in Pedicure to that of in Spa is 4:5, while ratio between Females who use their coupon in Haircutting to that of in Spa is 6:11. Find total number of people who use their coupons in Spa?

- (a) 349
- (b) 481
- (c) 300
- (d) 440
- (e) None of the given options