HOPE DATA INTERPRETATION AND PUZZLE 78

Study the following information carefully to answer the given questions
There are eight persons namely A, B, C, D, E, F, G and H has born in the same month of different year i.e. 1969, 1972, 1978, 1981, 1989, 1997, 2000 and 2005. Their age are considered as on the same month of 2017. G is born in even number year, but not born in the year, which does not divisible by 4. A is 36 years old now. B is 17 year older than F, who is 8 years younger than A. There are eight years gap between age of E and age of D. H is nine year younger than C, but not born in 2005. E was born earlier than G

1. Who amongst the following was born in 2000?
A) E
B) A
C) B
D) G
E) F

2. Which of the following is true as per the given arrangement?
A) D – 1997
B) A – 1972
C) A – 1989
D) D – 2005
E) None of the given answers is true

3. What is the age difference between A and H?
A) Three
B) Four
C) Two
D) One
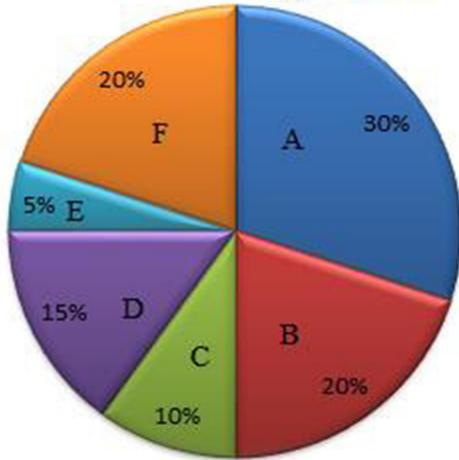E) None of these

4. How many persons born between H and D?
A) Three
B) Two
C) Four
D) Five
E) No one

5. E was born in?
A) 1969
B) 1972
C) 1978
D) 1981
E) 1997

Study the following pie chart and table to answer the following questions

% of people in different departments of an organization

		Below 40 years (Male : Female)	Above 40 years (Male : Female)
	A	9:11	4:5
	B	9:1	3:7
	C	7:8	8:7
	D	7:8	7:9
	E	4:1	5:7
	F	7:3	1:9

6. If the total number of people in department B below the age 40 and years and above 40 years is 1320, find the total number of people in the company altogether?
A) 6600
B) 6700
C) 5400
D) 6200
E) 5800

7. If the total number of people in department C is 160, then what is the number of female employees above 40 years in department D?
A) 144
B) 146
C) 125
D) 135
E) 122

8. If the total number of employee in department D is 375 and total number of males above 40 years of age and females below 40 years of age is 122 in department F, then what is the number of males below 40 years in department F?
A) 258
B) 266
C) 243
D) 252
E) 247

9. If the number of female employees below 40 years and number of male employees above 40 years in department E are 40 and 75 respectively, then find the number of employees in company A.
A) 2160
B) 2090
C) 2450
D) 2370
E) 2280

10. If the total number of employee in department A is 255 and total number of males below 40 years of age and females above 40 years of age is 131 in department B, then find the ratio of total number of employees in dept B below 40 years and total number of employees in dept B above 40 years?

A) 6 : 11
B) 3 : 8
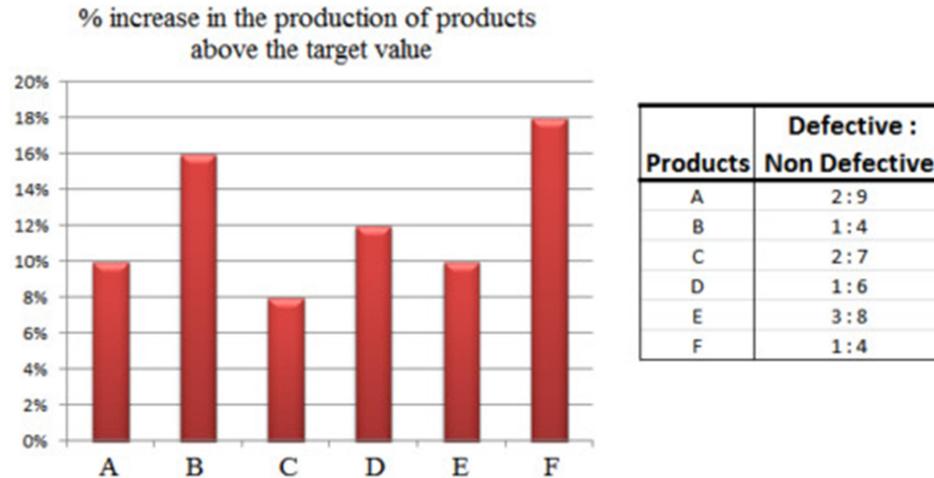C) 5 : 12
D) 10 : 17
E) 7 : 11

The following table shows the MP, SP, Profit, Profit% and Discount% on 5 different products sold. Some values are missing in the table. Fill in the values and use it to answer the following questions

Products	MP	CP	Profit	Profit%	Discount%
A		250		20	25
B	1100		22	10	
C	300	180	27		16
D		320	16		73
E	1100		27	10	
F	600	360			31

11. What is the difference in the MPs of products E and C?
A) Rs 780
B) Rs 830
C) Rs 800
D) Rs 700
E) Rs 920

12. Find the difference in percentage points of discounts given for products E and discounts given for products B and C together.
A) 49%
B) 36%
C) 33%
D) 45%
E) 76%

13. What is the total of MP of product D and SP of product B?
A) Rs 642
B) Rs 532
C) Rs 628
D) Rs 568
E) Rs 544

14. If a person buys products A and E for their respective selling prices, then what is the resultant discount% given to him?
A) 50.70%
B) 60.20%
C) 48.06%
D) 67.62%
E) 54.50%

15. Find the profit% given for product F.
A) 16%
B) 12%
C) 18%
D) 15%
E) Cannot be determined

Study the bar graph and table to answer the questions that follow.

A company makes a target of producing 1250 each of its 6 products A, B, C, D, E, and F in a month for selling to its distributors. But after a month it was found that company could manufacture each product more than the target value The bar graph shows the % increase in the productions of each of the products. The table shows the ratio of defective to non-defective products sold.

% increase in the production of products above the target value

Products	Defective : Non Defective
A	2:9
B	1:4
C	2:7
D	1:6
E	3:8
F	1:4

16. Find the total products D and E which are defective.
A) 665
B) 676
C) 542
D) 575
E) 584

17. Find the difference in production of products B and E together (non-defective) and production of products A and F together (defective).
A) 1615
B) 1461
C) 1254
D) 1358
E) 1225

18. Products A and B are sold for Rs 100 and Rs 120 respectively. The defective A and B products are returned to the company, how much worth of product are returned to the company?
A) Rs 62200
B) Rs 72700
C) Rs 59800
D) Rs 63100
E) Rs 34800

19. Production of products C and E costs Rs 50 and Rs 60 respectively. They are sold for Rs 60 and Rs 80 respectively. If the defective products are returned to the company, find the loss% incurred by the company because of these products (considering that defective products are a waste for the company).
A) 4.57%
B) 4.67%
C) 5.93%
D) 3.35%
E) 5.28%

20. All defective products are returned to the company and also the company will have to give a penalty of Rs 5 on defective A, B and D products and Rs 6 on defective C, E and F products. Find the total penalty to be given by the company?
A) Rs 9460
B) Rs 9280
C) Rs 9840
D) Rs 9520
E) Rs 9420

Study the following information carefully to answer the given questions
Company ABC has 3480 employees in eight departments. The difference between the number of employees in the departments F and E is 472. The ratio of employees in departments F to C is 7:6.
Ratio of employees in departments G to D is 4:3, while department H has 88 more employees than department A. Department B has 328 employees. Department D has 40 more employees than department E and Department A has 208 employees more than department G.

21. What is the difference between the number of employees in departments A and F?
A) 134
B) 187
C) 165
D) 144
E) 128

22. What is the difference between the number of employees in departments A and B together and the number of employees in departments C and E together?
A) 89
B) 96
C) 73
D) 75
E) 80

23. In there are 290 and 278 females in departments C and H respectively, then find the ratio of the number of male employees in these two departments respectively.
A) 8 : 13
B) 12 : 17
C) 11 : 13
D) 9 : 13
E) 11 : 15

24. If 5% and 15% of employees in departments D and G are on a tour to a different city, how many employees from these two departments have come to office (it is mandatory to be on work on that particular day)?
A) 500 B) 534 C) 564 D) 487 E) 465

25. Ratio of males to females in departments C and F is 7 : 5 and 4 : 3 respectively. Find the percent of females in these two departments.
A) 66%
B) 42%
C) 48%
D) 55%
E) Cannot be determined

Study the following information carefully to answer the given questions
Eight People – A, B, C, D, E, F, G and H live in ten different floors of a building (but not necessarily in the same order). Two of the floors in the building is vacant. The lowermost floor of the building is numbered one, the one above that is numbered two, and so on till the topmost floor is numbered ten. Each one of them also likes different mobiles, namely Lenovo, Apple, ONE PLUS, HTC, Samsung, Oppo, ASUS and Sony(but not necessarily in the same order). Each one of them also participates in different number of events starting from 1 to 10.

The one who likes SONY and APPLE not live on the floors numbered 8 and 7 respectively. The one who likes HTC lives immediately below the floor on which C lives. The number of people living below F is same as the number of people living between F and H. Only three floors between D and the one who likes Samsung. The number of floors between the one who likes ASUS and the one who likes HTC is two. The one who likes Oppo lives immediately above G. F lives an odd numbered floor above the floor numbered four. The top most floor is vacant. Only one person lives between B and the one who likes HTC. Only three floors between G and A. The one who likes SONY lives immediately above the one who likes Lenovo. C lives one of the odd numbered floors above the one who likes Samsung. The number of floors between F and the one who likes APPLE is only one. Only one person lives between the one who likes SONY and the vacant floor. Only two people live between C and vacant floor. The number of floors between two vacant floors is five. Total number of events participated by B is one less than that of the total number of events participated by H. Total number of events participated by the person who lives on ground floor is the square of the total number of events participated by B. Total number of events participated by A is the difference of number of events participated by D and H. Total number of events participated by C is one less than that of B. Total number of events participated by F is one more than that of G. Total number of events participated by E is one more than that of F. Total number of events participated by G is the multiple of number of events participated by B and C. Total number of events participated by the one who likes Asus is four.

26. Which of the following Statements is true with respect to the given information?
A) G lives immediately above the one who likes Samsung
B) E lives immediately above C
C) Only three people live between F and the one who likes SONY.
D) D likes HTC.
E) All the given statements are true

27. Who amongst the following participates in 5 events?
A) B
B) G
C) F
D) A
E) C

28. Which of the following floor is immediately above the vacant floor?
A) 5
B) 7
C) 4
D) 3
E) 6

29. Four of the following five are alike in a certain way and so form a group. Which one of the following does not belong to the group?
A) G – ONE PLUS
B) C – Samsung
C) F – HTC
D) E – Lenovo
E) D – APPLE

30. How many people live between C and D?
A) Four
B) Three
C) None
D) Five
E) Two

Study the following information carefully to answer the given questions
Twelve students namely viz A, B, C, D, E, F, G, H, I, J and K of twelve different colleges have Conference in six different months namely viz January, February, June, July, September and October on twelve different days i.e., (all persons have different dates) from 9th to 20th of any month but not necessarily in the same order. Two students

must have Conference in the same month. Each student stays in a hostel in different floor. The ground floor of the building is numbered 1, the one above that is numbered 2 and so on till the topmost floor is numbered 12. There are five floors between the person who have Conference in June. The persons who have Conference in June does not occupy the floor above the floor numbered 10 and also not occupy the floor below the floor numbered 4. G stayed on the second floor and has a Conference on 19th. The one who stayed on the first floor has a Conference in September. E has a Conference on the date immediately after the date on which K has Conference. There are two persons live between G and H. The floor number and the Conference date is same for the person B. The person who has Conference on 15th lives immediately below E. K has Conference on one of the dates after 12 and before 16. There are four persons live between K and E. K has Conference in the month of June. B and I have Conference in the same month which has 31 days. D who lived in floor numbered 11, has the Conference in the month which has less than 30 days. Only one person lives between two persons who have Conference in the month of October. The persons who have Conference in the month of October live two of the floors above the floor numbered 6. There are five floors between B and I. There are six floors between the person J and the person who has Conference in the month of September. The person F stays in a middle between the person E and C. L does not have Conference in the month of June. The person who has Conference on 17th lives immediately above the person who has Conference on 20. H does not have Conference on 20th. L does not have Conference on 16th. There is only one person lives between the persons who have Conference in the month of July. There are four floors between the persons who have Conference on 19th and 10th. The person who has Conference on 17th lives immediately above the person who has Conference on 20th. H does not have Conference on 20th. A does not have Conference on 11th. The person who has Conference on 18th lives immediately above the person who has Conference on 11.

31. F stays on which of the following floor?
A) 12
B) 8
C) 7
D) 4
E) None of these.

32. Who among the following has Conference in September?
A) A, B
B) J, F
C) B, E
D) D, G
E) E, G

33. Four among the following form a group in a certain way. Which of the following does not belong to Group?
A) C – October
B) J – September
C) F – September
D) B – January
E) E – October

34. Which of the following is correctly matched?
A) 12 – B – June – 17
B) 12 – F – June – 17
C) 2 – G – February – 19
D) 2 – G – September – 19
E) E – Sunday – July

35. Who among the following has Conference on 20th?
A) A
B) C
C) B
D) D
E) J

Study the following information carefully to answer the given questions

Seven People – A, B, C, D, E, F, and G live in eight different floors of the building (but not necessarily in the same order). One of the floors in the building is vacant. The lowermost floor of the building is numbered one, the one above that is numbered two, and so on till the topmost floor is numbered eight. Each one of them also owns different brands of laptops, namely Lenovo, Dell, HP, Samsung, Apple, Asus and TOSHIBA (but not necessarily in the same order).

The number of people leaving above F is same as the number of floors between F and D. F lives an odd numbered floor above the floor numbered four. Only one person lives between B and the one who owns Samsung. Only three floors between D and the one who owns Apple. The one who owns Asus lives immediately above G, G owns neither Apple nor HP. E does not own Asus. Only three floors between G and A. The one who owns TOSHIBA lives immediately above the one who owns Lenovo, but not on the topmost floor. C lives one of the odd numbered floors above the one who owns Apple. The number of floors between F and the one who owns DELL is only one. Only one person lives between the one who owns TOSHIBA and the vacant floor. Only two people live between C and vacant floor. Two persons live between the one who likes Black colour and the one who likes Yellow Colour. Only one person lives between the one who likes Yellow and the one who likes White. There are two floors between the one who likes Orange and Brown. Four persons live between the one who likes Red and Blue. The one who likes Yellow colour lives on one of the floors above the floor numbered four. The person who lives on the sixth floor does not like white. The one who likes Red colour lives immediately above the one who likes Orange.

36. Which of the following Statements is true with respect to the given information?
A) G lives immediately above the one who likes Yellow.
B) E lives immediately above C
C) Only three people live between F and the one who owns TOSHIBA.
D) D owns Samsung.
E) All the given statements are true.

37. Who amongst the following lives exactly between the vacant floor and the one who owns Lenovo Laptop?
A) B, C
B) G, D
C) F, G
D) A, B
E) E, A

38. Which of the following floor is vacant?
A) 5
B) 7
C) 4
D) 3
E) 6

39. Four of the following five are alike in a certain way and so form a group. Which one of the following does not belong to the group?
A) G – HP
B) C – Apple
C) F – Samsung
D) E – Lenovo
E) D – DELL

40. How many people live between C and the one who likes Brown colour?
A) Four
B) Three
C) None
D) Five
E) Two

Study the following information carefully to answer the given questions
Seven students namely viz A, B, C, D, E, F and G of seven different colleges have the seminar on seven different days, namely viz Monday, Tuesday, Wednesday, Thursday, Friday, Saturday and Sunday of the same week but

necessarily in the same order. Each student stays in a hostel in different floor. The lowermost floor of the building is numbered 1, the one above that is numbered 2 and so on till the topmost floor is numbered 7.

G stayed on the second floor and has a seminar on Wednesday. The one who stayed on the first floor has a seminar on Saturday. B has a seminar immediately before E. B does not have the seminar on any of the days after G. The one who stayed on the seventh floor does not have a seminar on any of the days on or before Friday. The one who stayed on the third floor has a seminar immediately after C. E does not stay on the fifth floor. The one who stays on the sixth floor does not have a seminar immediately before or after G. F does not have any seminar on Sunday and does not live on the third floor. D does not have the seminar on any one of the days before A. Two persons live between the one who likes 5Star and the one who likes Kitkat. Only one person lives between the one who likes Kitkat and the one who likes Munch. Two persons live between the one who likes Munch and Snickers. Four persons live between the one who likes Dairy Milk and Bournville. The one who likes 5star lives on one of the floors above the floor numbered three. The persons who live on the fourth and fifth floor don't like Snickers. The one who likes Munch lives immediately below the one who likes Dairy Milk.

41. F stays on which of the following floor?
A) 1
B) 2
C) 3
D) 4
E) None of these.

42. Who among the following person likes Munch?
A) A
B) C
C) B
D) F
E) E

43. Four among the following form a group in a certain way. Which of the following does not belong to Group?
A) D – Monday
B) C – Tuesday
C) A – Wednesday
D) G – Saturday
E) E – Sunday

44. Which of the following is correctly matched?
A) D – Monday – Kitkat
B) C – Tuesday – Munch
C) A – Friday – Perk
D) G – Saturday – Snickers
E) E – Sunday – Kitkat

45. Who among the following has the seminar on Sunday?
A) A
B) C
C) B
D) D
E) E

Study the following information carefully to answer the given questions
A, B, C, D, E, F and G are seven people live on seven different floors of a building but not necessarily in the same order. The lowermost floor of the building is numbered 1, the one above that is numbered 2 and so on till the topmost floor is numbered 7. Each one of them earns different amount per month. i.e. 20000, 15000, 10000, 25000,30000, 35000 and 40000. (But not necessarily in the same order.). Each person likes different e-commerce websites namely Myntra, Shopclues, Jabong, Snapdeal, Flipkart, Amazon, and E-bay.
Three persons live between the one who likes Myntra and the one who likes Shopclues. The one who likes Myntra lives one of the floors above the floor numbered 4. Three persons live between the one who likes Flipkart and the

one who likes Ebay. The person who lives on the ground floor does not like neither Jabong nor Shopclues. The one who likes Jabong lives on one of the floors below the floor numbered 4. The person who likes Amazon does not live on one of the floors below the floor numbered 4. The person who likes Myntra and Flipkart live on one of the floors above the floor numbered 4. The person who lives on the top most floor does not like Myntra. The one who earns Rs.20000 lives immediately above the one who earns Rs.40000. The one who earns Rs.15000 lives on one of the odd numbered floors above D. Only three people live between C and the one who earns 15000. The one who earns Rs.10000 lives immediately above C. F earns 10000. Three persons live between the one who likes Amazon and the one who likes Jabong. Only one person lives between B and E. B lives on one of the floors above E. Neither C nor A earns Rs.25000. E does not earn Rs. 10000. A lives on an odd numbered floor but not on the floor numbered three. The one who earns Rs.30000 lives immediately above A. Only two people live between A and the one who earns Rs.10000.

46. Which among the following is the salary of B?
A) Rs. 20000
B) Rs. 40000
C) Rs. 35000
D) Rs. 30000
E) None of these

47. Which of the following combination is true as per the given arrangement?
A) A – 15000 – Flipkart
B) C – 30000 – Snapdeal
C) B – 35000 – Jabong
D) F – 20000 – Ebay
E) None of these.

48. Who among the following lives in floor no 3?
A) A
B) C
C) D
D) F
E) None of these.

49. Four among the following form a group in a certain way.Which of the following does not belong to Group?
A) G – 15000
B) A – 40000
C) B – 20000
D) F – 40000
E) E – 10000

50. Who among the following likes E-bay?
A) A
B) C
C) D
D) F
E) None of these.