17) The **disengage (A)** for the U.S. is that it cannot **conundrum (B)** from Afghanistan, if that is its **priority (C)**, without accepting Pakistan's **terms (D)**.

A. A-C
B. B-D
C. C-D
D. A-B
E. No interchange required

Conundrum → DILEMMA / HESITATION.

Directions (18-21): In the following questions a paragraph is given with two blanks. The paragraph is then provided with five options which consist of the words that can fill the given blanks. Choose that option as your answer which can fill the given blanks in the exact order as given in the option. If none of the given options fills the given blanks then choose option (e), 'None of these' as your answer.

18) The _____ party in the State and the national party did not arrive at an understanding, leading to the _____.

A. Progressive, Offers
B. Seating, Participate
C. Ruling, Deadlock
D. Constitutional, Allied
E. None of these.

19) Those aged above 80 and those _____ for casting postal ballots should fill up a 12-D ____ form when officials visit their residences.

A. Engage, Clarity
B. Eligibility, Conceptual

C. Engaged, Contradiction
D. Eligible, Consent
E. None of these.

20) On-site walk-in registrations for COVID-19 vaccines have _____ good response _____ senior citizens.

A. Acquired, Within
B. Gained, Among
C. Acquired, Over
D. Gained, Between
E. None of these.

21) There are _____ ways in which women's _____ at home can be reduced by the government.

A. Little, Burden
B. Many, Burden
C. Few, Burdened
D. Much, Works
E. None of these.

22) Challenges linked to elections come in many shapes and sizes-some can be _____, most are hard to

A. Anticipated, tell.
B. Expected, introduce
C. Benefitted, said
D. Promoted, delusion
E. None of the above

Directions (23-27): In the following questions, _____ among which one of

impasse — deadlock / logjam.

delusion — confusion / wrong belief.

C. Engaged, Contradiction
D. Eligible, Consent
E. None of these.

Directions (31-35): Study the following information carefully and answer the questions given below.

The given table shows the total number of appliance and the number of AC and the % of fridge sold by five different companies in a month.

Total appliance = Number of AC sold + Number of Fridge sold + Number of Oven sold

Companies	% of fridge sold out of total appliance sold by a company	Number of AC sold	Total appliance sold by a company
A	30%	400	1000
B	20%	520	2080
C	35%	560	1400
D	40%	480	1600

31) If the number of Oven sold by E is half of the number of oven sold by D and the ratio of the number of oven and AC sold by E is 8:11, then find the number of AC sold by E?

A. 297
B. 308
C. 319
D. 330
E. None of these

32) The difference between the number of fridge sold by A and B together is what percent of the total number of oven sold by B and C together?

A. 7.76%
B. 18.85%
C. 26.65%
D. 15.56%
E. 2.44%

33) Ratio of unsold to sold fridge by A is 7:3. The number of Unsold fridge by B is equal to 50% of the fridge unsold by A and the number of unsold AC by B is 36 more than the number of unsold fridge by B, then find the total number of AC sold and unsold by B?

A. 386
B. 506
C. 600
D. 520
E. 526

34) The cost price of an Oven in A is Rs.2000 and the cost price of a fridge in C is Rs.3000. If 40% of the oven sold by A at the profit of 10% and rest are sold at 40% loss and 80% of the fridge sold by C at the profit of 5% and rest are sold at the loss of 20%, then find the total revenue collected from A and C?

A. Rs.2078100
B. Rs.1679700
C. Rs.1775600
D. Rs.197900
E. Rs.1876500

35) If the total number of appliance sold by E is 80% more than that of D and the number of oven sold by E is average of the number of oven sold by A and C. If the number of fridge sold by E is 20% more than that of D, then find the number of AC sold by E?

A. 1700
B. 1787
C. 1720
D. 1855
E. 1830

Directions (36-40): What value should come in the place of (?) in the following number series?

36) 15, 23, 30, 38, 41, ?
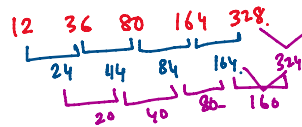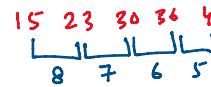
a) 46
b) 48
c) 51
d) 54
e) 57

37) 12, 36, 80, 164, 328, ?

a) 596
b) 612
c) 648
d) 652
e) 678

38) 3, 8, 18, 33, 53, ?

a) 64
b) 68
c) 72
d) 78
e) 84

39) 10, 20, 60, 300, ?, 23100

a) 1800
b) 2100
c) 2400
d) 2700
e) 3000

40) 6, 7, 16, 51, 208, ?

a) 1045
b) 1050
c) 1060
d) 1080
e) 1040

41) Ratio of the efficiency of A and B is 3:2 and the efficiency of A is 200% more than that of C. If B and C together can complete the work in 60 days, in how many days A and B together can complete the work?

A. 24 days

42) A, B and C started the business. The ratio of the investment of A and C is 4:5 and the investment of B is 20% more than the investment of C. After 12 months, B withdrew 33(1/3)% of his initial investment and after one more year, C added 60% of his initial investment. At the end of 30 months, the total profit of the business is Rs.7200, then find the profit share of A?

A. Rs.2000
B. Rs.2400
C. Rs.1800
D. Rs.2700
E. None of these

43) The present age of Aruf's father is four times the present age of Arul. Four years ago, the age of Aruf's father is six times the age of Arul's age at that time. Arul's grandfather's age is seven times the present age of Arul. Find the difference between the present age of Arul's father and grandfather?

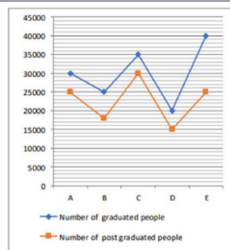A. 20 years
B. 30 years
C. 15 years
D. 25 years
E. 35 years

more. Find the selling price of the laptop at a profit of 30%?

A. Rs.3900
B. Rs.3600
C. Rs.3400
D. Rs.2800
E. Rs.2600

45) Suman invests Rs.(x + 1000) in a compound interest scheme at the rate of 10% per annum for 2 years and he also invests Rs.x in a simple interest scheme at the rate of 15% per annum for 3 years. The interest received on a simple interest scheme is Rs.750 more than that of a compound interest scheme. Find the value of x?

A. Rs.3600
B. Rs.4000
C. Rs.4200
D. Rs.4400
E. Rs.4800

Directions (46-50): Study the following information carefully and answer the questions given below.

The given line graph shows the number of

46) Ratio of the number of male and female graduates and post graduates people in village D is 5:3 and 11:9 respectively. Find the total number of male graduates and post graduates people in village D?

A. 20750
B. 20850
C. 20650
D. 20950
E. None of these

b) 68

c) 72

d) 78

e) 84

39) 10, 20, 60, 300, ?, 23100

a) 1800

b) 2100

c) 2400

d) 2700

e) 3000

40) 6, 7, 16, 51, 206, ?

a) 1045

b) 1050

c) 1060

d) 1080

e) 1040

41) Ratio of the efficiency of A and B is 3:2 and the efficiency of A is 200% more than that of C. If B and C together can complete the work in 60 days, in how many days A and B together can complete the work?

A. 24 days

B. 30 days

C. 36 days

D. 42 days

E. 45 days

42) A, B and C started the business. The ratio of the investment of A and C is 4:5 and the investment of B is 20% more than the investment of C. After 12 months, B withdrew 33(1/3)% of his initial investment and after one more year, C added 60% of his initial investment. At the end of 30 months, the total profit of the business is Rs.7200, then find the profit share of A?

A. Rs.2000

B. Rs.2400

C. Rs.1800

D. Rs.2700

E. None of these

43) The present age of Arul's father is four times the present age of Arul. Four years ago, the age of Arul's father is six times the age of Arul's age at that time. Arul's grandfather's age is seven times the present age of Arul. Find the difference between the present age of Arul's father and grandfather?

A. 20 years

B. 30 years

C. 15 years

D. 25 years

E. 35 years

44) Ratio of the Marked price to the cost price of the laptop is 9:5. The shopkeeper allows two successive discounts of 20% and 25% respectively. If the shopkeeper sold it at a single discount of 35%, he would have gained Rs.180

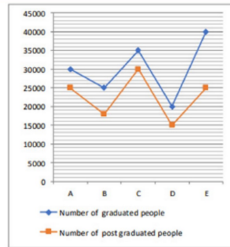more. Find the selling price of the laptop at a profit of 30%?

A. Rs.3900

B. Rs.3600

C. Rs.3400

D. Rs.2800

E. Rs.2600

45) Suman invests Rs.(x + 1000) in a compound interest scheme at the rate of 10% per annum for 2 years and he also invests Rs.x in a simple interest scheme at the rate of 15% per annum for 3 years. The interest received on a simple interest scheme is Rs.750 more than that of a compound interest scheme. Find the value of x?

A. Rs.3600

B. Rs.4000

C. Rs.4200

D. Rs.4400

E. Rs.4800

Directions (46-50): Study the following information carefully and answer the questions given below.

The given line graph shows the number of graduated people and the number of post graduated people in five different villages.

— Number of graduated people

— Number of post graduated people

46) Ratio of the number of male and female graduates and post graduates people in village D is 5:3 and 11:9 respectively. Find the total number of male and female graduates and post graduates people in village D?

A. 20750

B. 20850

C. 20650

D. 20950

E. None of these

47) The total number of literate and illiterate people in B is 5:3 and the number of literate people in B is 125% of the total number of graduate and post graduates people in the same village. Find the number of illiterate people in B?

A. 32250

B. 32280

C. 32300

D. 32350

E. 32460

48) Total number of people in A is 20% more than the number of graduates and post graduates people in A. If the ratio of the number of male to female population in A is 5:3, then find the number of male population in A?

A. 41240

B. 41230

C. 41250

D. 41280

E. 41290

49) The total number of post graduates people in C and E together is approximately what percent of the number of graduates people in the same villages?

A. 70%

B. 73%

C. 75%

D. 78%

E. 81%

50) Ratio of the post graduates people in E and F is 5:7 and the number of graduate people in F is 4000 more than the number of graduates people in B. If the ratio of the number of male to female post graduates and graduates people in F is 3:2 and 3:1 respectively, then find the number of female post graduates and graduates people in F?

A. 21200

B. 21240

C. 21210

D. 21250

E. 21300

Directions (51-56): Following question contains two equations as I and II. You have to solve both equations and determine the relationship between them and give an answer as,

51)

I) $x^2 - 15x + 54 = 0$

II) $y^2 - 4y - 117 = 0$

A. x > y

B. x ≥ y

C. x = y or relationship can't be determined.

D. x < y

E. x ≤ y

52)

I) $x^2 - 5x - 204 = 0$

II) $y^2 + 27y + 180 = 0$

A. x > y

B. x ≥ y

C. x = y or relationship can't be determined.

D. x < y

E. x ≤ y

53)

I) $x^2 + 2x - 99 = 0$

II) $y^2 - 19y + 90 = 0$

A. x > y

B. x ≥ y

C. x = y or relationship can't be determined.

D. x < y

E. x ≤ y

54)

I) $x^2 + x - 182 = 0$

II) $y^2 + 31y + 240 = 0$

A. x > y

B. x ≥ y

C. x = y or relationship can't be determined.

D. x < y

E. x ≤ y

55)

I) $2x^2 - 13x + 20 = 0$

II) $y^2 - 17y + 52 = 0$

A. x > y

B. x ≥ y

C. x = y or relationship can't be determined.

D. x < y

E. x ≤ y

56)

I) $x^2 - 40x + 384 = 0$

II) $y^2 - 26y = -168$

A. x > y

B. x ≥ y

C. x = y or relationship can't be determined

D. x < y

E. x ≤ y

57) The length and breadth of a rectangle is (x + 5) cm and (x – 2) cm respectively. If the perimeter of the rectangle is 6 cm more than the perimeter of the square whose area is 400 cm², then find the area of the rectangle?

A. 540 cm²

B. 510 cm²

C. 420 cm²

D. 480 cm²

E. 450 cm²

58) A train crosses a tower in 20.25 seconds and also crosses a 150 m long bridge in 27 seconds. Find the speed of the train?

A. 60 kmph

B. 72 kmph

C. 80 kmph

D. 90 kmph

E. None of these

59) The boat covers x km upstream in t hours and the same boat covers (x + 40) km downstream in (t – 4) hours. If the speed of the stream is 7 kmph, then find the speed downstream?

A. 32 kmph

B. 25 kmph

C. 28 kmph

D. 35 kmph

E. Cannot be determined

liters of water added to the mixture, then the ratio of milk and water becomes 11:8. Then find the value of x?

A. 14

B. 10

C. 13

D. 11

E. None of these

Directions (61-65): Read the following information carefully and answer the questions.

The given information shows the total number of fans (ceiling and table) sold by four different shops A, B, C and D.

Ceiling Fan: Ratio of the number of Ceiling fans sold by shops A and B is 1:2 respectively and the difference between the number of Ceiling fans sold by shops A and D is 90. Number of Ceiling fans sold by shop C is 20% less than that of shop D. Number of Ceiling fans sold by shop C is 60% of number of Ceiling fans sold by shop B.

Table Fan: Average number of table fans sold by all four shops is 175 and the number of table fans sold by shop A is two times the number of table fans sold by shop C. Ratio of the number of table fans sold by shops A and D is 5:4 respectively. Number of table fans sold by shop B is 80 more than that of shop D.

61) Find the difference between the total number of fans sold by shops B and D together?

A. 120

B. 170

C. 160

D. 180

E. None of these

62) Out of the number of table fans sold by shop B, 25% of table fans sold at a profit of 40% and the remaining table fans sold at a profit of 20%. If all the table fans sold for Rs.1.5 lakh in shop B, then find the cost price of each table fan in shop B?

A. Rs.800

B. Rs.450

C. Rs.600

D. Rs.500

E. None of these

63) Find the average number of ceiling fans sold by shops A, C and D together?

A. 130

B. 170

C. 222

D. 110

E. None of these

64) If the total number of fans sold by shop E is 20% more than that of shop D and the ratio of number of table fans sold by shops E and D is 9:8 respectively, then find the number of ceiling fans sold by shop E?

A. 336

B. 420

C. 280

D. 150

E. None of these

65) Number of table fans sold by shops C and D together is approximately what percentage more/less than the number of ceiling fans sold by shop B?

A. 45% less

B. 28% more

C. 25% less

D. 10% more

E. None of these

Directions (66-70): Study the following information carefully and answer the below questions

Ten persons-L, M, N, O, P, Q, R, S, T, and U are attending the conference on two different dates either 9 or 11 of five different months- January, May, August, October, and December of the same year but not necessarily in the same order.

T attends three persons before N who attends after August. U attends immediately after N. The number of persons attending before U is the same as the number of persons attending after R. The number of persons attending between T and R is one less than the number of persons attending between U and S. S attends before U. O attends four persons after L. O and S are attending in different months. The number of persons attending between L and N is the same as the number of persons attending between R and P. P and Q are attending the conference on different months.

66) Which of the following month and dates does T attend the conference?

a) May 11

b) August 9

c) August 11

d) October 9

e) October 11

67) Who among the following persons are attending the conference before L?

I. P

II. The one who attends two persons after T

III. The one who attends immediately after M

a) Only I

b) Only I and III

c) Only III

d) All I, II, and III

e) None of these

68) Four of the five among the following are similar in such a way to form a group, who among the following doesn't belong to the group?

a) P

b) R

c) The one who attends immediately before U

d) The one who attends two persons after N

e) Q

69) Which of the following statement is true?

a) N and O attending on the same month

b) Q and P attending on the same date

c) No one attends after O

d) Two persons are attending between R and N

e) M attends immediately before R

70) Who among the following person attends the conference on January 11?
a) N
b) Q
c) O
d) The one who attends in the same month of L
e) The one who attends immediately before R

Directions (71-73): Study the following information carefully and answer the questions given below.

A person from point F drives towards the south for 3km to reach point B, where he takes a left turn and drives for 12km to reach point H. Then he takes a right turn and drives for 8km to reach point R from where he turns to his right again and drives for 6km. He then drives for 5km after taking a right turn at point J and reaches point N. At this point he takes a left turn and drives for 8km to reach point V, where he takes a right turn and drives for 2km to reach point K. He finally stops at point Y, which is 3km to the west of point K.

71) In which direction is point B with respect to point Y?
a) East
b) Southeast
c) Northeast
d) West
e) None of these

72) If M is in the midpoint of the points B and H, then what is the shortest distance between the points M and J?
a) 10km
b) 8km
c) 9km
d) 11km
e) None of these

73) What is the shortest distance between the points K and F?
a) √22km
b) 2√6km
c) 5km
d) 2√5km
e) None of these

74) If it is possible to make a meaningful word, using the third, fourth, sixth and eighth letters from the left end of the word 'RAVISHMENT', then what is the last letter of the word formed? If no such word is formed, mark the answer as 'Y'. If more than one word can be formed mark the answer as 'X'.
a) D
b) L
c) X
d) Y
e) E

75) How many such pairs of numbers are there in the number "81346528" each has many numbers between them as in the number series (both forward and backward)?

a) 1
b) 2
c) 3
d) 4
e) More than four

Directions (76-80): Study the following information carefully and answer the below questions

Six persons-P, Q, R, S, T, and U are sitting on the circular table and facing centre. They like different fruits- Banana, Mango, Apple, Peach, Cherry, and Orange. All the information is not necessarily in the same order.

R sits second to the left of the one who likes Cherry. Only one person sits between the one who likes Cherry and the one who likes Apple. P sits third to the right of the one who likes Peach. P neither likes Cherry nor Apple. S sits immediate left of P. The number of persons sitting between R and P is the same as the number of persons sitting between S and Q. T sits immediate right of the one who likes Orange. The number of persons sitting between the one who likes Banana and R is the same as the number of persons sitting between P and S when counted from the left of P. Neither Q nor U likes Mango.

76) How many persons sit between T and the one who likes Mango when counted to the left of T?
a) One
b) Two
c) Three

d) Four
e) Five

77) Which of the following fruit is liked by U?
a) Cherry
b) Orange
c) Banana
d) Apple
e) Peach

78) Who among the following person sits third to the left of T?
a) P
b) R
c) The one who sits second to the left of S
d) The one who likes Cherry
e) S

79) Which of the following combination is true?
a) T- Orange
b) S- Mango
c) R- Peach
d) Q- Cherry
e) R-Banana

80) If all the persons are arranged in alphabetical order in a clockwise direction from P, then who among the following person likes Apple(Fruits remain in same positions)?
a) Q
b) S
c) The one who sits opposite to P
d) T
e) U