RBI ASSISTANT
PRELIMINARY EXAM

MOCK TEST

2

REASONING ABILITY   .

Directions (1-5): In these questions, a relationship between different elements is shown in the statement(s). The statement(s) is/are followed by two conclusions. Give answer

a) if only conclusion I is true.

b) if only conclusion II is true.

c) if either conclusion I or II is true.

d) if neither conclusion I nor II is true.

e) if both conclusions I and II are true.

1) <u>Statements:</u> S <U = O,P>H<S

   <u>Conclusions:</u> I. P>U II. O >H

2) <u>Statements:</u> F=P, G <F, N>G

   <u>Conclusions:</u> I. N > FII. P=N

3) <u>Statements:</u> I>D>T, E<R=T

   <u>Conclusions:</u> I. I>R II. E≤D

4) <u>Statements:</u> V <T=A>D=Z>P

   <u>Conclusions:</u> I. T≥Z II. V<P

5) <u>Statements:</u> B>X<Y >M>C

  <u>Conclusions:</u> I. C<Y II. B≥M

Aavin, BlockRock, Coalindia, Dell, Eaton, Fluor, Google, Hatsun and Impulse Companies are sitting around a circular table facing the centre. BlockRock is fourth to the left of Google, who is second to the right of Coalindia. Fluor is fourth to the right of Coalindia and is second to the left of Impulse. Dell is not an immediate neighbor of either Impulse or BlockRock. Aavin is not the neighbor of Fluor. Hatsun is third to the right of Eaton.

6) Who among the following is second to the right of Impulse?

a) Coalindia   b) Eaton

c) Hatsun   d) Fluor

e) None

7) Who is sitting third to the right of the one who is sitting second to the right of Aavin?

a) Dell   b) Coalindia

c) Impulse   d) Hatsun

e) None

8) How many persons are sitting between Hatsun and Dell, Anti clockwise?

a) One   b) Two

c) Three   d) Four

e) None

9) What is the position of Aavin with respect to Hatsun?

a) Second to the right   b) Third to the left

c) Second to the left   d) Fifth to the right

e) None of the above

10) Who sits third to the left of Eaton?

a) Aavin
b) Google

c) Hatsun
d) Coalindia

e) None

11) M, T, B, D and R are five friends each of them having a different weight. R is heavier than M and

T but lighter than only B. M is heavier than only T. Who among the following is at the third position according to their weights?

a) R
b) M

c) D
d) T

e) None of these

12) How many pairs of letters are these in the word MEDITATION each of which has as many letters between them in the word as in the English alphabetical series?

a) None
b) One

c) Two
d) Three

e) More than three
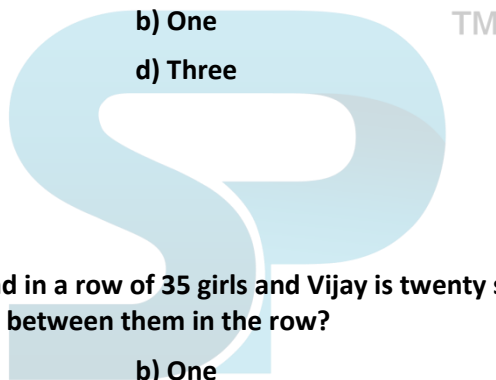
13) Arun is eleventh from the left end in a row of 35 girls and Vijay is twenty seventh from the right end in the same row. How many girls are there between them in the row?

a) None
b) One

c) Two
d) Three

e) None

14) In a certain code PIPE is written as '5954' and REST is written as '8426'. How is SITE written in that code?

a) 2468
b) 9526

c) 2964
d) 2694

e) None

15) What will come next in the given alphabetical series?

XVU WUT VTS USR ?

a) TRQ   b) RST

c) SRQ   d) TUV

e) None

256   765   432   980   167   519   356

16) If first and third digit of the each numbers are interchanged then which will be the second highest number?

a) 761   b) 519

c) 167   d) 256

e) None

17) If 1 is added to the last digit of the each number and 1 is subtracted from the second digit of each number then how many numbers will be divisible by 2 ?

a) One   b) Two

c) Three   d) More than three

e) None

18) If all the digits of first and second numbers added together then how many number gives the sum as 7 ?

a) One   b) Two

c) Three   d) Four

e) None

19) What will be the result if the second digit of the highest number divided by the first digit of the lowest number?

a) 1   b) 2

c) 4   d) 8

e) None

20) If the digits of each numbers are arranged in descending order then what will be the third loweste) None of these number?

a) 256   b) 653

c) 356   d) 652

e) None

Directions (21-25): Study the following arrangement and answer questions given:

H 3 R * M A △ K 2 P 5 E ≠ N 4 W $ F ≅ Q 1 U V 9 I D 7 8

21) If all the symbols are dropped from the arrangement, then which of the following is the 6th letter to the right of the 15th letter from the right end?

a) N   b) Q

c) I   d) 1

e) None

22) How many consonants are there in the arrangement each of which is immediately followed by a letter?

a) None   b) One

c) Two   d) Three

e) More than three

23) Complete the series:

JIU   V9Q   1UF   ≅QW ?

a) $ N ≠   b) $FN

c) FNB   D) $WN

e) None

24) How many such numbers are there each of which is immediately preceded by a symbol?

a) None   b) One

c) Two   d) Three

E) More than three

25) Four of the five are alike in a certain way, which does not belong to the group?

a) P52   b) JI9

c) MA△   d) ≠ NE

e) F¥$

26) Shivani starts walking 20m towards North. Then she turns right and walks 30m. Then again,she turns right and walks 28m. Then she turns towards North-East and Walks 10m. How far away and in which direction is Anchal from her original position?

a) 36m. North-East   b) 32m. South

c) 30m. East   d) 32m. South-East

e) 36m. East

27) Six friends sitting in a row. F is to the left of G but on the right of H, who is to the right of I and J is at the right of K but immediate left of I. Find out nd second numbers are the friend, sitting right in the middle ?

a) J and K   b) H and I

c) F and G   d) J and G

e) G and H

28) If it is given 'P @ Q' means that P is the father f the second digit of the of Q. 'P-Q' means that 'P is the wife of Q', 'P&Q' the first digit of the means that'P is brother of Q' and 'P÷Q' means that 'P is the daughter of Q'. Then, M @ G + C÷S refers to-

a) S is daughter of G   b) C is brother of G

c) S is wife of G   d) M is the grandfather of S

e) None of these

29) If ÷' means +, - means 'x', 'x' means ÷ and +' means ,

then 30-16x12÷24+8= ?

a) 57   b) 56

c) 81/7   d) 22/3

e) None

30) Ashwin walks 4 km towards East and takes a left turn and walks for two km before he turns left and walks 3 km to take another left turn to walk for another two km. How many km is he away from his starting point?

a) 1km

b) 2kms

c) 3kms

d) 4kms

e) None of these

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

Eight friends Prishika, Quina, Rakshitha, Sheethisha, Trisha, Ushauthup, Vanisha and Warren are sitting in a straight line facing north. Warren is on the immediate right of Sheethisha, who is not at the end of the row. Quina is on the immediate left of Trisha but Quina is neither a neighbour of Prishika nor sits at the ends of the row. Rakshitha and Trisha are not adjacent to each other. There are three persons between Quina and Warren. Prishika is adjacent to Ushauthup, who is on the immediate left of Rakshitha. Vanisha is second to the left of Warren and is on the immediate right of Trisha.

31) Which of the following statements is true?

a) Quina is in the middle of the row.

b) Warren is at the right end of the row.

c) Prishika is second to the left of Quina.

d) All are true

e) None of these

32) Which of the following pairs sit at the ends of the row?

a) Quina, Warren

b) Ushauthup, Rakshitha

c) Prishika, Warren

d) Rakshitha, Quina

e) None

33) If Rakshitha faces south then how many persons will be sitting to the right of Rakshitha?

a) One

b) Two

c) Three

d) Four

e) None

34) If Prishika related to Warren and Ushauthup is related to Sheethisha in a certain way, then following the same way, Rakshitha is related to which of the following?

a) Warren   b) Quina

c) Vanisha   d) Trisha

e) None

35) Which of the following persons sits second to the right of Quina?

a) Prishika   b) Rakshitha

c) Sheethisha   d) Vanisha

e) Warren

QUANTITATIVE   APTITUDE

Directions (36-40): What value should come in the place of question mark (?) in the following questions? (Approximation)

36) 88 30/41 * 779 = ?
a) 67089   b) 64089
c) 69122   d) 66099
e) 66182

37) 135 % of 624 + 224 % of 450 = ?
a) 1835.4   b) 1850.4
 c) 1928.4   d) 1823.4
e) 1946.4

38) 1/(26/6) + 1/(43/7) = ?
a) 141/247   b) 120/287
c) 247/110   d) 143/257
e) 110/277

39) 7629 + 1.75 x 222 + 1.8 x 175 = ? x 15

a) 515.5   b) 555.5

c) 525.5   d) 535.5

e) 545.5

40) 786.575 + 5.86 x 7.90 − 68.876 = ?

a) 682 b)   587

c) 540   d) 756

e) 765

41) 102, 104, 127, ?, 331, 626

a) 180   b) 220

c) 240   d) 190

e) None

42) 6, 7, 18, 63, ?, 1365

a) 252   b) 268

c) 244   d) 292

e) None

43) 3, 5, 13, 43, ?, 891

a) 197   b) 127

c) 177   d) 169

e) None

44) 7, 14, 40, 135, ?, 2795, 16782

a) 556   b) 581

c) 504   d) 535

e) None

45) 9, 11.5, 17.5, ?, 66.5, 169.25, 509.75

a) 27.5   **b) 31.25**

c) 28.75   **d) 30.5**

e) None

Directions (46-50): In the following questions two equations numbered I and II are given. You have to solve both the equations and Give answer:
a) If x>y
b) If x≥y
c) If x<y
d) If x≤y
e) If x=y or the relationship cannot be established

46) x^2 **+ x - 72=0**

   y^2 **- y - 56=0**

47) 289x^2**-9=0**

   √256 y +3=0

48) 5√x + 8/√x = Vx

   y^2**-**$(13)^{5/2}$ **/√y=0**

49) x^2**-13x + 42=0**

    y^2 **- 13y + 36=0**

50) x^2 **= 1089**

   y= √1089

Directions (51-55): The following table gives the sales of batteries manufactured by a company over the years. Study the table and answer the questions that follow:

NUMBER OF DIFFERENT TYPES OF BATTERIES SOLD BY A COMPANY OVER THE YEARS

(NUMBERS IN THOUSANDS)

Year	TYPES OF BATTERIES					
	Kodak	**Optima**	**Trojan**	**Toshiba**	**Duracell**	**Total**
2002	125	148	136	186	158	753
2003	112	136	92	124	147	611
2004	86	135	98	169	175	663
2005	165	100	115	146	128	654
2006	94	88	156	94	121	553
2007	115	70	125	65	80	455
2008	108	95	140	104	165	612

51) For which battery the total sale of all the seven years is the maximum?

a) Optima   b) Kodak

c) Trojan   d) Toshiba

e) Duracell

52) What is the difference in the number of Toshiba batteries sold in 2004 and 2007?

a) 124000

b) 12800

c) 135000

d) 104000

e) 120000

**53) The percentage of Trojan batteries sold to the total number of batteries sold was maximum in the year?**

a) 2004

b) 2005

c) 2006

d) 2007

e) 2008

54) In the case of which battery there was a continuous decrease in sales from 2002 to 2007?

a) Optima

b) Kodak

c) Trojan

d) Toshiba

e) None

55) What was the approximately percentage in the sales of Toshiba batteries in 2002 compared to that in 2008?

a) 75%

b) 71%

c) 73%

d) 79%

e) 77%
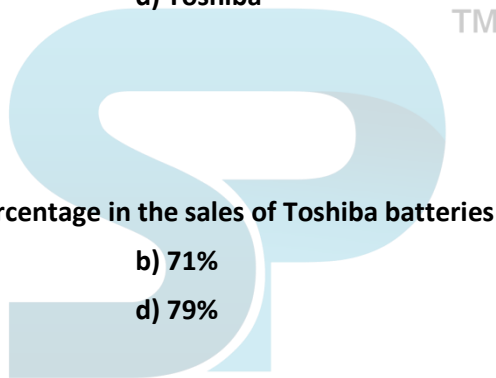
Direction (1-5): In the given questions, two quantities are given, one as 'Quantity 1' and another as "Quantity 2'. You have to determine relationship between two quantities and choose the appropriate option:

Q1. A is twice as efficient as B. Both can complete a work together in $7\frac{1}{2}$ days.

Quantity 1: Time taken by B to complete the work alone.

Quantity 2: If C is 50% more efficient than A, then time taken by C to complete the work alone.

(a) Quantity 1 > Quantity 2

(b) Quantity 1$\geq$ Quantity 2

(c) Quantity 2 Quantity 1

(d) Quantity $\geq$ Quantity 1

(e) Quantity 1 = Quantity 2 or Relation cannot be established

Q2. One of the roots of $2x^2$ + bx - 5 = 0 is 1.

Quantity 1: Value of the other root.

Quantity 2: 2.5

(a) Quantity 1 > Quantity 2

(b) Quantity 1 $\geq$ Quantity 2

(c) Quantity 2 > Quantity 1

(d) Quantity 2 $\geq$ Quantity 1

(e) Quantity 1 = Quantity 2 or Relation cannot be established

Q3. Two dices are rolled simultaneously.

Quantity 1: Probability that the sum of the numbers that appeared is a multiple of 5.

Quantity 2: 1/6

(a) Quantity 1 > Quantity 2

(b) Quantity 1 $\geq$ Quantity 2

(c) Quantity 2 > Quantity 1

(d) Quantity 2$\geq$ Quantity 1

(e) Quantity 1 = Quantity 2 or Relation cannot be established

Q4. Sum of height and diameter of the cylinder is 28 meter.

Quantity 1: Curved surface area of the cylinder whose respective ratio of height to diameter is 3:4

Quantity 2: Curved surface area of the cylinder if height of cylinder is 10 m.

(a) Quantity 1 > Quantity 2

(b) Quantity 1 $\geq$ Quantity 2

(c) Quantity 2 > Quantity 1

(d) Quantity 2 $\geq$ Quantity 1

(e) Quantity 1 = Quantity 2 or Relation cannot be established

Q5. Product of digits of a two digits number 'N' is 21

Quantity 1: N

Quantity 2:130-N

(a) Quantity 1 > Quantity 2

(b) Quantity 1 $\geq$ Quantity 2

(c) Quantity 2 > Quantity 1

(d) Quantity 2 $\geq$ Quantity 1

(e) Quantity 1 = Quantity 2 or Relation cannot be established

61) The expenses of a shop consist of two parts.one part varies with the number of inmates while the other is constant. When the number of inmates is 300 and 450, the expenses are respectively Rs. 2300 and Rs. 2600. Then the exp. For 500 inmates are-

a) Rs. 2800

b) Rs. 2700

c) Rs. 2000

d) Rs. 2100

e) None

62) A student bought 17 books for Rs. 1750 from one books shop and 23 books for Rs. 2250 from another. The average price (in rupees), he paid per book was:

a) 100

b) 127.50

c) 135

d) 138

e) None

63) The average weight of a group of 35 boys was calculated to be 85.6 kg and it was later discovered that one weight was misread as 63 kg instead of the correct one of 78 kg. The correct average weight is:

a) 88.23 kg

b) 89.33 kg

c) 89.03 kg

d) 86.03 kg

e) None

64) P starts business with a capital of 7200. Q and R joins with some investment after 4 months and 8 months respectively. If at the end of the year they earn profit of 6:5:4 respectively. What is R's investment in the Business?

a) 6000

b) 7000

c) 8000

d) 7200

e) None

65) Anant, Raja and Raman rented a house for a year. Anant stayed for 6 months only. Raja left after 9 months. Raman stayed there for entire year. Find the share of rent of Raja if total rent was Rs 12150 a year.

a) 4050

b) 2000

c) 1000

d) 3500

e) None

66) If √27225 = 165, then the value of √272.25 + √2.7225 = ?

a) 0.1815   b) 1.815

c) 181.5   d) 18.15

e) None

67) What is the least number to be added to 2200 to make it a perfect square?

a) 9   b) 16

c) 25   d) 4

e) None

68) If the square of a number is subtracted from 6346 and the difference is multiplied by 25, the answer so obtained is 56250. What is the number?

a) 64   b) 1024

c) 36   d) 1296

e) None

69) When the numerator and the denominator of a fraction are increased by 2 and 5 respectively, the fraction becomes 3/7 and when the numerator and the denominator of the same fraction are increased by 1 and 3 respectively, the fraction becomes 3/8. What is the original fraction?

a) 5/16   b) 7/15

c) 3/17   d) 13/7

e) None

70) Prakash invested 30% more than Mohan. Mohan invested 15% less than Raju. If the total sum of their investment is 29680, how much amount did Raju invest?

a) 10066   b) 10049

c) 10090   d) 10044

e) None

Directions (71-80): Read the following passage carefully and answer the questions given below it.

When Prime Minister Narendra Modi took charge on May 26, 2014, the world looked at him with high expectations. This was because not only did his party - the Bharatiya Janata party (BJP) - manage to emerge as a single majority party with 282 seats to form the coalition government, but India was also in **dire** need of a strong leader who could **steer** the country towards the path of growth and bring in renewed hope and optimism to a **crumbling** economy. With NDA coming to power, it seemed in 30 years India had finally voted for a strong and effective government. During his campaign; Modi had strongly voiced his opinion about the lackluster performance of the previous United Progressive Alliance (UPA) government. His manifesto had laid stress on bringing down inflation, renewing the Gross Domestic Product (GDP) and retrieving black money from abroad, among other initiatives.

As the government completes 100 days, one thing that emerges is that Modi walked the talk when he spoke about minimum government and maximising governance. His ministry has a clear, flat structure - he is the head and his ministers — mostly below 75 years — directly under him, where he keeps a strict eye on them. He has made it clear that his government wants to do away with the Planning Commission and replace it with a think tank. As soon as he assumed power, he made efforts to bring in efficiency - government officials now reach office on time and are putting in at least 12 hours, any purchase above one lakh is sent to the Prime Minister Office (PMO) for approval; cars and foreign travels have been restricted and allowed only when required. Modi has become synonymous with the BJP-led government and time and again proved that he means business, along with speaking inspiring words that he has a **penchant** for The ministries under Modi have been trying to keep pace with his dynamism. The Human Resources Development Ministry headed by Smriti Irani has notable achievements - like her initiative towards establishing the National Academy Depository for maintaining academic degrees and certificates in e-format, thus reducing paper work and saving considerable time. The ministry also plans to make about 20 classrooms in 21,000 colleges Wi-Fi enabled The oil and gas ministry has also done its bit in terms of regulating the prices and major price hikes have been **averted** to a certain extent. Also, there are attempts being made to reduce the price gapbetween petrol and diesel. Hundred days may be too soon to judge the performance of a government because the benefits of some of the steps undertaken may only be realized in the long run. During these days, the government has been busy picking up tasks from the manifesto and ticking them. However, all their actions are not without criticism.

71) Which of the following is possibly the most appropriate title for the passage ?

1) 100 days of Modi government.

2) Present government of India.

3) Government Schemes in India.

4) The cult of the great leader.

5) Modi's government is accountable.

72) What does the author mean by 'minimum government and maximising governance' as given in the passage?

1) India is all set to feature a greatly dispersed council of ministers.

2) It will have a pan-Indian character.

3) To make a dent in formation of ministries.

4) Eventually aiming at smart governance where the top layers of government will be downsized and there would be expansion at the grass root level.

5) None of these

73) What were the promises that the BJP made in their public declaration before election as per the passage ?
1) Clean up the Ganga.

2) Committed to the abrogation of Article 370 on Kashmir.

3) Reviving economic growth.

4) Checking corruption.

5) Only 1, 2 and 4

74) What does the phrase 'keeps a strict eye on! mean as used in the passage ?

1) Give personal attention to someone or something.

2) Wanting something more.

3) Keep finger crossed.

4) To retain in one's possession.

5) None of these

75) Which of the following is true as per the passage ?

1) During his entire election campaign Modi had promised better days.

2) Modi's ascendancy was a monumental shift in Indian politics as Prime Minister of India as the head of BJP which enjoyed majority in Lok Sabha.

3) Modi has announced several steps to make India's villages self sufficiently and clean.

4) All of the above

5) None of these

Directions (76-78): Choose the word which is MOST SIMILAR in meaning of the word printed in bold as used in the passage.

76) Dire

1) Fortunate   2) Burning

3) Urgent   4) Fortunate

5) Crying

77) Steer

1) Follow   2) Allow

3) Yield   4) Point

5) Govern

78) Crumbling

1) Integrating   2) Decaying

3) Connecting   4) Mending

5) Refreshing

Directions (79-80) : Choose the word which is MOST OPPOSITE in meaning of the word printed in bold as used in the passage

79) Averted

1) Supported   2) Halted

3) Deterred   4) Precluded

5) Diverted

80) Penchant

1) Disposition   2) Tilt

3) Disinclination   4) Propensity

5) Difference

I am working toward saving money, one of the savings <u>81</u> I may want to consider is a savings account. Savings accounts <u>82</u> pay interest (although a relatively small amount) on the account. A savings account can be easily done, but there are definitely some things to take up and <u>83</u> before choosing an option. First, consider which bank you want to open the account with. Look for convenience, and <u>84</u>, but also consider the interest paid. Some banks provide specific facilities over a specific account balance, or with some, the interest increases as the balance increases. Also <u>85</u> any charges that bank may impose on you. Common charges include low balance charges, monthly charges, and ATM charges (if I have access to my money viaATM). Any charge that I have to pay will <u>86</u> reduce my savings. So I try to minimise them. I may also consider opening a savings account with Jan Dhan Yojana. Once I am to decide a bank, I'll have to determine what kind of savings account I'll open. A basic savings account offers higher interest rates but

<u>87</u> requirements and restrictions, <u>88</u> other than saving accounts <u>89</u> offer higher interest rates but more restrictions. Before I open a new banking account. I am to start saving. Even if I only have a small amount to <u>90</u> each month, even a little money is a great start.

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81)

a) benefits   b) privilege

c) discretion   d) options

e) grant

82)

a) infrequently   b) rarely

c) usually   d) unusually

e) habitually

83)

a) rank   b) evaluate

c) sized up   d) estimate

e) neglect

84)

a) accessibility   b) difficulty

c) restriction   d) inutility

e) suitability

85)

a) unification   b) rending

c) review   d) breaking

e) combining

86)

a) seeming   b) tending

c) partiality   d) likely

e) leaning
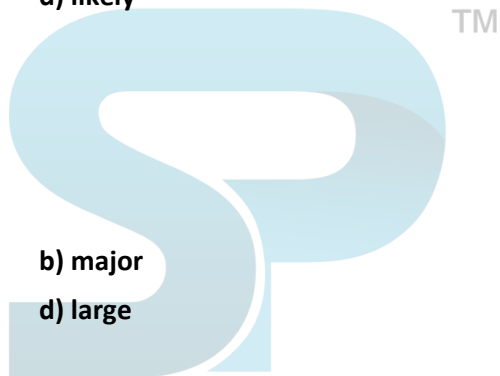
87)

a) consequential   b) major

c) important   d) large

e) fewer

88)

a) while   b) before

c) until   d) unless

e) during

89)

a) seldom   b) often

c) earlier   d) repeatedly

e) rarely

90)

a) withhold   b) counteract

c) contribute   d) take

e) withdraw

91)

1) The Principal has announced /

2) a tournament for all /

3) student who /

4) achieve their targets./

5) No error

92)

1) M. S. Dhoni has been assigned/

2) with that team/

3) because he is /

4) well qualified and experienced. /

5) No error

93)

1) The non-stop bullet train's new project/

2) cannot be launched/

3) unless the approval/

4) of the board./

5) No error

94)

1) Instead criticizing/

2) why don't/

3) you help/

4) with the presentation?/

5) No error

95)

1) In spite of/

2) so many hardships /

3) Niharika has managed /

4) to success. /

5) No error

Directions (96-100): Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph and then answer the questions given below.
(A) Being rejected from almost every management and banking competition I applied for, taught me that strategy comes from planning and real world application of ideas not seat of the pants thinking.
(B) My failure taught me to be clearer about my practice, vision, and objectives when persuading others to get behind me.
(C) Getting dinged from 4 out of the 9 top banks taught me that accuracy matters just as much as speed when evaluating what organization or post you should align yourself with.
(D) Getting out from second round examinations taught me that I should funnel my desire for accuracy off stage.
(E) Failing my exam taught me that you have to be prepared, always, in order to be successful.
F) I've chosen a field that requires me to think logically about time management problems and apply my interest in the quantitative aptitude and accuracy

96) Which of the following would be the FOURTH sentence after rearrangement?

a) D   b) E

c) A   d) C

e) F

97) Which of the following would be the LAST sentence after rearrangement?

a) A

b) E

c) B

d)

e) F

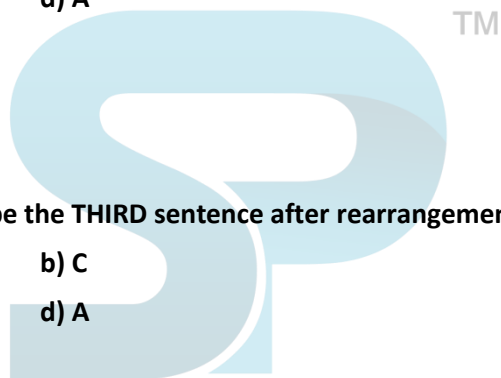**98) Which of the following would be the FIFTH sentence after rearrangement?**

a) A

b) E

c) C

d) F

e)D

99) Which of the following would be the FIRST sentence after rearrangement?

a) F

b) C

c) E

d) A

e) B

100) Which of the following would be the THIRD sentence after rearrangement?

a) D

b) C

c)F

d) A

e) E

RRB Assistant Pre Mock Set

REASONING   ABILITY   .

1) **Ans.B**

2) **Ans.D**

3) **Ans.A**

4) **Ans.D**

5) Ans.A

6) Ans.C

7) Ans.C

8) Ans.D

9 Ans.A

10) Ans.B

11) Ans.C

B >R >D >M > T

Hence, D is third heaviest among them.

12) Ans.E

13) Ans.B

Arun is 11th from the left.

Vijay is 27th from the right.

So, vijay is (35 - 27 + 1=) 9th from left.   Hence, there is only one girl between them.

14) Ans.C

P	I	E	R	S	T
5	9	4	8	2	6

So,   S   I   T   E

2   9   6   4

15) Ans. A

Each corresponding letter moves one letter backward in the alphabet.

16) Ans.C

| 652 | 567 | 234 | 098 | 761 | 915 | 653 | 761 =167 |

17) Ans.C

| 257 | 756 | 423 | 971 | 158 | 510 | 347 |

18) Ans.C

256	765	432	980	167	519	356
7	13	7	17	7	6	8

19) Ans.D

980 = 8

167 = 1

8/1 = 8

20) Ans.C

| 256 | 765 | 432 | 980 | 167 | 519 | 356 | 652 | 765 | 432 | 980 | 761 | 951 | 653 |

21) Ans.D

The arrangement becomes

H 3 R M A K 2 P 5 E N 4 W F Q 1 U V 9 J I D 7 8

22) Ans.C

H 3 R * M A △ K 2 P 5 E ≠ N 4 W $ F ¥ Q I U V 9 J I D 7 8

23) Ans.B

Start from right end, see JIU, J I together and U after leaving two letters after J

24) Ans.A

H 3 R * M A △ K 2 P 5 E ≠ N 4 W $ F ¥ Q I U V 9 J I D 7 8

25) Ans.C

H 3 R * M A △ K 2 P 5 E ≠ N 4 W $ F ¥ Q I U V 9 J I D 7 8

26) Ans.E

27) Ans.B

28) Ans.C

29) Ans.B

30-16x12÷24+8

= 30 x 16 ÷ 12 +24 - 8 = 56

30) Ans.A

(31-35):

<u>Prishaka</u> <u>Ushauthup</u> <u>Rakshitha</u> <u>Quina</u> <u>Trisha</u> <u>Vanisha</u> <u>Sheethisha</u> <u>Warren</u>

31) Ans.B

32) Ans.C

33) Ans.B

34) Ans.C

35) Ans.D

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36) Ans.C

(88x41+30)/41*779= (3638/41) * 779 = 69122

37) Ans.B

= 135/100 * 624 +224/100 * 450

= 842.4 + 1008 = 1850.4

38) Ans.E

? = 6/26 + 7/43 = (258 + 182)/1118 = 440/1118 = 110/277

39) Ans.C

7629 + 388.5+ 315 = ? x 15

? = 8332.5/15 = 555.5

40) Ans.E

786.575 +5.86 x 7.90 - 68.876 = 763.993 = 765

41) Ans.D

The Series is: $\times 2 - 10^2, 2 - 9^2, 2 - 8^2, \times 2 - 7^2, \times 2 - 6^2$

42) Ans.B

The Series is: $\times 1 + 1^2, \times 2 + 2^2, \times 3 + 3^2$

43) Ans.C

The Series is: x 1+2, X 2 + 3, 3 + 4, x 4 + 5,...

44) Ans.A

The pattern of the Series is:

7x1 + 1x7 = 14

14x2 + 2x6 = 40

40x3 + 3x5 = 135

135x4 + 4x4 = 556

556x5 + 5x3 = 2795

2795x6 + 6x2 = 16782

45) Ans.B

The pattern of the Series is:

9x0.5 + 7 = 11.5

11.5x1 + 6 = 17.5

17.5x1.5 + 5 = 31.25

31.25x2 + 4 = 66.5

46) Ans.E

47) Ans.A

48) Ans.E

49) Ans.E

50) Ans.D

51) Ans.E

The total sales (in thousands) of all the seven years for various batteries are:

For Kodak = 125 + 112 +86 + 165 +94 + 115 + 108 = 805

For Optima = 148 + 136 + 135 + 100 + 88 + 70 +95 = 772

For Trojan = 136 +92 +98 + 115 + 156 + 125 + 140 = 858

 For Toshiba = 186 + 124 + 169 + 146 +94 + 65+ 104 = 888

For Duracell = 158 +147 +175 + 128 + 121 +80+ 165 = 974.

Clearly, sales are maximum in case of Duracell batteries.

52) Ans.D

Required difference=[(169 - 65) x 1000] =104000.

53) Ans.C

The percentages of sales of Trojan batteries to the total sales in different years are:

For 2002 = (136/753x100)% = 18.06%;

For 2003 = (92/611x100)% = 15.05%

For 2004 = (98/663x100)% = 14.78%

For 2005 =(115/654x100)% = 17.58%

For 2006 = (156/553x100)% = 28.20%;

For 2007 = (125/455x100)% = 27.47%

For 2008 = (140/612x100)% = 22.87%

Clearly, the percentage is maximum in 2006.

54) Ans.A

From the table it is clear that the sales of Optima batteries have been decreasing continuously from 2002 to 2007.

55) Ans.D

Required percentage =[(186-104)/104x10 =78.84%=79%

56) Ans.A

57) Ans.C

58) Ans.A

59) Ans.A

60) Ans.E

61) Ans.B

62) Ans.A

63) Ans.D

64) Ans.D

65) Ans.A

66) Ans.D

67) Ans.A

68) Ans.A

69) Ans.B

70) Ans.D

71) Ans.A

72) Ans.D

73) Ans.C

74) Ans.A

75) Ans.B

76) Ans.C

77) Ans.E

78) Ans.B

79) Ans.A

80) Ans.C

81) Ans.D

82) Ans.C

83) Ans.B

84) Ans.A

85) Ans.C

86) Ans.D

87) Ans.E

88) Ans.A

89) Ans.B

90) Ans.C

91) Ans.C
Substitute 'students' for student'.

92) Ans.B
Substitute 'to' for 'with'.

93) Ans.C
Substitute 'without' for 'unless'.

94) Ans.A
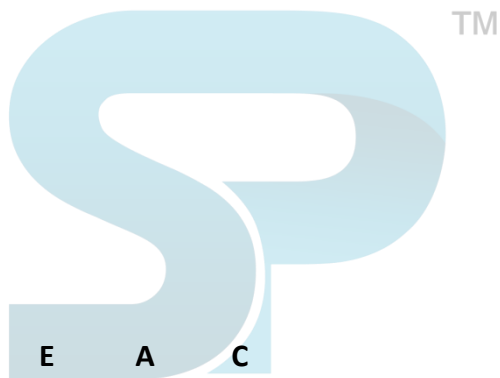Insert "of" after 'instead'.

95) Ans.B
Delete 'so'.

(96-100):   B   D   F   E   A   C

96) Ans.B

97) Ans.D

98) Ans.A

99) Ans.E

100) Ans.C