RRB TEST – 3

ANSWERS WITH EXPLANATIONS

RRB (QUANT)

Q01. Which of the following fractions are in descending order?

a. $\frac{5}{12}, \frac{2}{7}, \frac{3}{11}, \frac{2}{9}, \frac{1}{5}$

b. $\frac{2}{7}, \frac{2}{9}, \frac{3}{11}, \frac{1}{5}, \frac{5}{12}$

c. $\frac{1}{5}, \frac{2}{9}, \frac{3}{11}, \frac{2}{7}, \frac{5}{12}$

d. $\frac{5}{12}, \frac{3}{11}, \frac{2}{7}, \frac{2}{9}, \frac{1}{5}$

e. None of these

Ans: A

Q02. Ayesha can complete a piece of work in 16 days. Amita can complete the same piece of work in 8 days. If both of them work together, in how many days can they complete the same piece of work?

a. 150

b. $4\frac{2}{5}$

c. $5\frac{1}{3}$

d. 12

e. None of these

Ans: C

Q03. The average of 5 numbers is 65. The average of the first two numbers is 81 and the average of the last two numbers is 38. What is the third number?

a. 63

b. 87

c. 99

d. Can't be determined

e. None of these

Ans: B

Q04. Vinod makes a profit of R 110, if he sells a certain number of pencils at the rate of R 2.5 per pencil and incurs a loss of R 55 if he sells the same number of pencils for R 1.75 per pencil. How many pencils does Vinod have?

a. 220

b. 240

c. 200

d. Can't be determined

e. None of these

Ans: A

Directions (05 - 07) In each of the following number series, only one number is wrong. Find out the wrong number.

Q05. 4, 6, 18, 49, 201, 1011

a. 1011
b. 201
c. 18
d. 49
e. None of these

Ans: C

Q06. 48, 72, 108, 162, 243, 366

a. 72
b. 108
c. 162
d. 243
e. None of these

Ans: E

Q07. 2, 54, 300, 1220, 3674, 7350

a. 3674
b. 1220
c. 300
d. 54
e. None of these

Ans: A

Q08. 12 yr ago the ratio between the ages of *A* and *B* was 3 : 4 respectively. The present age of *A* is $3\frac{3}{4}$ times of *C*'s present age. If *C*'s present age is 10 yr, then what is *B*'s present age? (in yr)

a. 48
b. 46
c. 60
d. 54
e. 36

Ans: B

Q09. *M*, *N*, *0* and *P* divided R 44352 among themselves. *M* took $\frac{3}{8}$th of the money, *N* took $\frac{1}{6}$th of the remaining amount and rest was divided among *O* and P in the ratio of 3 : 4 respectively. How much did *O* get as his share?

a. R 9600
b. R 10600
c. R 10300
d. R 8700
e. R 9900

Ans: E

Q10. Pure milk costs R 16 per litre. After adding water the milkman sells the mixture R 15 per litre and thereby makes a profit of 25%. In what respective ratio does he mix milk with water?

a. 3 : 1
b. 4 : 3
c. 3 : 2
d. 5 : 3
e. 4 : 1

Ans: A

Directions (11 - 13) What approximate value should come in place of question mark (?) in the following questions? (You are not expected to calculate the exact value.)

Q11. 39.897% of 4331 + 58.779% of 5003 = ?

a. 4200
b. 4600
c. 4700
d. 4800
e. 5200

Ans: C

Q12. 43931.03 ÷ 2111.02 x 401.04 = ?

a. 8900
b. 6600
c. 6400
d. 8000
e. 8300

Ans: E

Q13. $\sqrt{3178} \times \sqrt{1330} \div \sqrt{360} = ?$

a. 130
b. 110
c. 140
d. 160
e. 90

Ans: B

Directions (14 - 17) Study the following information carefully to answer the questions that follow. A company produces 4 different products viz. ACs, fans, refrigerators and ovens each product of two different qualities, i.e., Quality A. and Quality B. The company produces a total of 500 products. One-fifth of total number of products is fans out of which 35% are of Quality B. 15% of the total number of products are ACs. Two-third of ACs are of Quality A. 25% of the total number of products are refrigerators out of which 40% are of Quality B. 10% of the number of ovens are of Quality B.

Q14. What is the total number of ACs and ovens of Quality B and fans and refrigerators of Quality A together made by the company?

a. 165
b. 205
c. 155

d. 185

e. None of these

Ans: D

Q15. What is the average number of products of Quality A made by the company?

a. 90

b. 75

c. 80

d. 95

e. None of these

Ans: E

Q16. What is the respective ratio between the number of ovens of Quality B and the number of fans of Quality A?

a. 5 : 2

b. 4 : 13

c. 5 : 13

d. 4 : 9

e. None of these

Ans: B

Q17. What is the difference between the number of ACs of Quality A and Quality B?

a. 25

b. 50

c. 35

d. 40

e. None of these

Ans: A

Q18. Number of refrigerators of Quality A is approximately, what percentage of the total number of ovens (both Quality A and B together)?

a. 39

b. 31

c. 35,

d. 36

e. 37.5

Ans: E

Q19. If $4\frac{1}{9}$ is subtracted from $6\frac{4}{9}$ and the difference is multiplied by 183, what will be the final answer?

a. 567

b. 427

c. 357

d. 497

e. None of these

Ans: B

Q20. If 7 x + 8y = 53 and 5x + 12y = 63, then what is the value of (y - x)?

a. -2

b. 2

c. 1

d. -1

e. None of these

Ans: C

Q21. A man walks at the speed of 5 km/h and runs at the speed of 10 km/h. How much time will be man require to cover the distance of 28 km, if he covers half (first 14 km) his journey walking and half his journey running?

a. 8.4 h

b. 6 h

c. 5 h

d. 4.2 h

e. None of these

Ans: D

Directions (22 - 24) Each of the questions below consists of a question and two Statements I and II are given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and

Give Answer

a. If the data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question

b. If the data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question

c. If the data in Statement I alone or in Statement II alone are sufficient to answer the question

d. If the data in both the Statements I and II are not sufficient to answer the question

e. If the data in both the Statements I and II together are necessary to answer the question

Q22. What is the area of a square?

I. The side of the square is 21 cm long.

II. The perimeter of the square is 84 cm.

Ans: C

Q23. In how many days can 10 men do a work?

I. 12 women can do the work in16 days.

II. 4 men and 6 women together can do the work in 16 days.

Ans: E

Q24. What is the speed of boat in still water?

I. The boat takes 4 h to go 12 km downstream.

II. The boat takes 6 h to cover 12 km in still water.

Ans: B

Q25. From a pack of 52 cards 2 cards are drawn randomly. What is the probability that it has one King and one Jack?

a. $\frac{7}{663}$

b. $\frac{8}{663}$

c. $\frac{11}{663}$

d. $\frac{13}{663}$

e. None of these

Ans: B

Directions (26 - 30) : What will come in place of the question mark (?) in the following number series.

Q26. 1 7 49 343 (?)

a. 16807

b. 1227

c. 2058

d. 2401

e. None of these

Ans: D

Solution:

The pattern of the number series is :

1 x 7 = 7

7 x 7= 49

49 x 7 = 343

343 x 7 = 2401

Q27. 13 20 39 78 145 (?)

a. 234

b. 244

c. 236

d. 248

e. None of these

Ans: D

Solution:

The pattern of the number series is :

13 + 7 = 20

20 + 19 (= 7 + 12) = 39

39 + 39 (=19 + 20) = 78

78 + 67 (= 39 + 28) = 145

145 + 103 (= 67 + 36) = 248

Q28. 12 35 81 173 357 (?)

a. 725

b. 715

c. 726

d. 736

e. None of these

Ans: A

Solution:

The pattern of the number series is :

12 + 1 x 23 = 35

35 + 2 x 23 = 35 + 46 = 81

81 + 2 x 46 = 81 + 92 = 173

173+2 x 92=173 +184=357

357 + 2 x 184 = 357 + 368 = 725

Q29. 3 100 297 594 991 (?)

a. 1489

b. 1479

c. 1478

d. 1498

e. None of these

Ans: E

Solution:

The pattern of the number series is :

3 + 97 = 100

100+ 197 = 297

297 + 297 = 594

594 + 397 = 991

991 + 497 = 1488

Q30. 112 119 140 175 224 (?)

a. 277

b. 276

c. 287

d. 266

e. None of these

Ans: C

Solution:

The pattern of the number series is :

112 + 1 x 7 = 119

119 + 3 x 7 = 119 + 21 = 140

140 + 5 x 7 = 140 + 35 = 175

175 + 7 x 7 = 175 + 49 = 224

224 + 9 x 7 = 224 + 63 = 1287

Directions (31 - 35): Study the table carefully to answer the questions that follow:

Candidates who appeared and passed in the test from four schools in six different years

School								
Years	**A**		**B**		**C**		**D**	
	Appeared	Passed	Appeared	Passed	Appeared	Passed	Appeared	Passed
2004	124	78	445	354	454	343	546	345
2005	234	124	545	435	732	567	565	456
2006	456	235	664	454	693	456	235	112
2007	398	156	345	144	645	545	546	234
2008	546	346	584	354	354	258	656	564
2009	547	435	704	347	578	313	456	252

Q31. What was the total number of failed candidates from school-C in the year 2008 and the number of candidates who appeared in the exam from school-D in the year 2006?

a. 335
b. 325
c. 322
d. 332
e. None of these

Ans: E

Solution:

Required answer

= (354 - 258) + 235

= 96 + 235 = 331

Q32. In which year was the difference between the number of candidates who appeared and passed in the exam from school-B second lowest?

a. 2004
b. 2005
c. 2006
d. 2007
e. 2008

Ans: B

Solution:

Unsuccessful candidates (School -B)

Year 2004 $\Rightarrow$ 445 - 354 = 91

Year 2005 $\Rightarrow$ 545 - 435 = 110

Year 2006 $\Rightarrow$ 664 - 454 = 210

Year 2007 $\Rightarrow$ 345 - 144 = 201

Year 2008 $\Rightarrow$ 5 84 - 354 = 230

Year 2009 $\Rightarrow$ 704 - 347 = 357

Q33. What was the respective ratio between the number of candidates who appeared from school-C in the year 2006 and the number of candidates who passed in the exam from school- D in the year 2009?

a. 11 : 4

b. 11 : 5

c. 5 : 11

d. 9 : 11

e. None of these

Ans: A

Solution:

Required ratio = 693 : 252

= 11 : 4

Q34. Number of candidates who passed in the exam from school B in the year 2005 was approximately what percent of number of candidates who appeared from school-A in the year 2008?

a. 76

b. 87

c. 90

d. 84

e. 80

Ans: E

Solution:

Required percentage

$\frac{435}{546}$ x 100 = 80

Q35. What was the approximate percent increase in the number of candidates who passed in the exam from school-A in the year 2009 as compared to the previous year?

a. 22

b. 39

c. 26

d. 30

e. 34

Ans: C

Solution:

Percentage increase

$\frac{435-346}{346}$ x 100 = $\frac{89}{346}$ x100

= $\frac{9000}{350}$ = 26

Directions (36 - 40) : Read the following table carefully to answer the given questions. **Number of students enrolled in institutions different academic faculties of 4 institutions during 2008-2012**

College / Year	DAV College			CT College			BKM College			VP College		
	B.Ed.	M.Ed.	M.Sc.	B.Ed.	M.Ed.	M.Sc.	B.Ed.	M.Ed.	M.Sc.	B.Ed.	M.Ed.	M.Sc.
2008	330	156	675	543	457	884	1090	699	574	657	633	674
2009	534	344	1145	234	554	684	126	243	743	478	744	1185
2010	222	429	454	444	332	393	1133	723	1223	434	835	1349
2011	465	434	810	665	443	790	855	621	2374	1332	964	2234
2012	250	242	666	877	332	534	334	503	1235	334	1098	1534

Q36. What is the average number of enrolled students in B.Ed course during 2009?

a. 343

b. 334

c. 336

d. 338

e. 340

Ans: A

Solution:

Required average

$=\frac{534+234+12+ +478}{4}$

$= \frac{1372}{4} = 343$

Q37. How many students got admission in M.Sc. in DAV College taking all the years together?

a. 3850

b. 3750

c. 3650

d. 3950

e. 4080

Ans: B

Solution:

Required answer

= 675 + 1145 + 454 + 810 + 666 = 3750

Q38. The difference between the number of students enrolled in CT College in 2010 and that enrolled in DAV college in 2011 is

a. 565

b. 560

c. 540

d. 545

e. 580

Ans: C

Solution:

Required difference

= 1709 - 1169 = 540

Q39. By what per cent the number of students enrolled in M.Ed. in BKM College in 2009 is more than that enrolled in B.Ed in the same college in the same year?

a. 87

b. 88

c. 89

d. 93

e. None of these

Ans: D

Solution:

Required percentage

$= \frac{243-126}{126} \times 100 = 93$

Q40. The ratio between the number of students enrolled in B.Ed. and M.Sc. in DAV college in 2011 is

a. 31 : 54

b. 54 : 31

c. 52 : 27

d. 27 : 52

e. None of these

Ans: A

Solution:

Required ratio = 465 : 810

= 31 : 54

RRB (REASONING)

Directions (01 - 04): Read each of the following statements carefully and answer the questions.

Q01. Which of the following expressions will be **true** lithe given expression 'A > B ≥ C < D < E' is definitely true?

a. A ≥ C

b. E > C

c. D ≥ B

d. A > D

e. None is true

Ans: B

Q02. If the expressions 'E < J ≤ H > Z', 'H ≤ Y' and 'E > F' are true, which of the following conclusions will be definitely **false**?

a. F < Y

b. Y > E

c. F < H

d. J ≤ Y

e. All are true

Ans: E

Solution:

E < J ≤ H > Z

H ≤ Y

E > F

F < E < J ≤ H > Z

F < E < J ≤ H ≤ Y

Q03. Which of the following symbols should replace the question mark in the given expression in order to make the expressions 'K ≤ H' as well as 'M > J' definitely **true**?

H ≥ I = J ? K ≤ L < M

a. >

b. >

c. ≤

d. Either < or ≤

e. =

Ans: E

Solution:

H ≥ I = J = K ≤ L < M

Q04. Which of the following symbols should be placed in the blank spaces respectively (in the same order from left to right) in order to complete the given expression in such a manner that 'N < K' definitely holds true ?

K_____ L_____ M_____N

a. ≥, =, >

b. ≤, <, =

c. ≥ =, <

d. >, ≥, <

e. None of these

Ans: A

Solution:

K ≥ L = M > N

Now, N < K

Directions (05 - 10): In each question below are two/three statements, followed by two conclusions numbered I and II. You have to take the two/three given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

a. **Give answer (1)** if only conclusion I follows.

b. **Give answer (2)** if only conclusion II follows.

c. **Give answer (3)** if either conclusion I or conclusion II follows.

d. **Give answer (4)** if neither conclusion I nor conclusion II follows.

e. **Give answer (5)** if both conclusion I and conclusion II follow.

Q05. Statements:

All buildings are houses.

No house is an apartment.

All apartments are flats.

Conclusions:

I. No flat is a house.

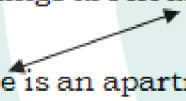
II. No building is an apartment.

Ans: B

Solution:

if only conclusion II follows.

All buildings are houses.



No house is an apartment.

A + E = E-type of Conclusion

"No building is an apartment." (A)

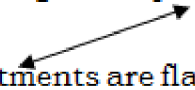
No house is an apartment.

All apartments are flats.

E + A = O_1 -type of Conclusion

"Some flats are not houses." (B)

No building is an apartment,



All apartments are flats.

E + A O_1 -type of Conclusion

"Some flats are not buildings." (C)

Q06. Statements :

All buildings are houses.

No house is an apartment.

All apartments are flats.

Conclusions :

I. All buildings being flats is a possibility.

II. All apartments being buildings is a possibility.

Ans: A

Solution:

if only conclusion I follows.

Q07. Statements:

Some oceans are seas.

All oceans are rivers.

No river is a canal.

Conclusions :

I. All rivers can never be oceans.

II. All canals being oceans is a possibility.

Ans: D

Solution:

if neither conclusion I nor conclusion II follows.

Some seas are oceans.

All oceans are rivers.

I + A I-type of Conclusion

"Some seas are rivers." (A)

All oceans are rivers.

No river is a canal.

A + E = E-type of Conclusion

"No ocean is a canal." (B)

Some seas are rivers.

No river is a canal.

I + E O_1 -type of Conclusion

"Some canals are not seas." (C)

Q08. Statements:

Some oceans are seas.

All oceans are rivers.

No river is a canal.

Conclusions :

I. No ocean is a canal.

II. Atleast some seas are rivers.

Ans: E

Solution:

if both conclusion I and conclusion II follow.

Q09. Statements:

No day is night.

All nights are noon.

No noon is an evening.

Conclusions:

I. No day is noon.

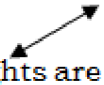
II. No day is an evening.

Ans: D

Solution:

if neither conclusion I nor conclusion II follows.

No day is night.



All nights are noon.

E + A = Or-type of Conclusion

"Some noon are not days." (A)

All nights are noon.

No noon is an evening.

A + E E-type of Conclusion

"No night is an evering." (B)

Q10. Statements:

No day is night.

All nights are noon.

No noon is an evening.

Conclusions :

I. No evenings are nights.

II. All days being noon is a possibility.

Ans: E

Solution:

if both conclusion I and conclusion II follow.

Directions (11 - 15) : Study the following information to answer the given questions :

In a certain code **'her idea has merit'** is written as 'fo la 'bu na', **'merit list has been displayed'** is written as `**jo ke la si na'** and **'her name displayed there'** is written as 'ya si bu zo', **'name in merit list'** is written as 'na ya go ke'.

Q11. What does 'ke' stand for?

a. been

b. has

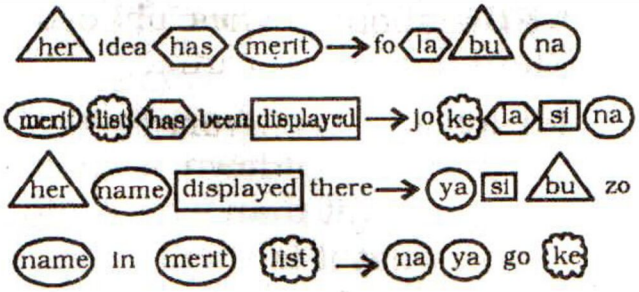
c. merit

d. name

e. list

Ans: E

Solution:



Q12. What is the code for 'idea'?

a. fo

b. la

c. bu

d. na

e. Either bu or na

Ans: A

Q13. Which of the following represents 'name has been displayed'?

a. ya la ke si

b. Jo si ya la

c. si jo ke na

d. bu ya ke la

e. ya si jo zo

Ans: B

Solution:

name ⟹ ya; has ⟹ la;

been ⟹ jo; displayed ⟹ si

Q14. What does 'zo' stand for?

a. there

b. displayed

c. name

d. her

e. Cannot be determined

Ans: A

Q15. Which of the following may represent 'her name is there'?

a. zo ya go wo

b. bu ya zo go

c. zo ya bu ke

d. ya zo wo bu

e. wo go zo ya

Ans: D

Solution:

her ⟹ bu ; name ⟹ ya;

there ⟹ zo.

The code for 'is' may be 'wo'.

Directions (16 - 20): Study the following information to answer the given questions —

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule. The following is an illustration of input and rearrangement.

Input : sum 28 have 19 96 48 luck nice 78 rope

Step I : have sum 28 19 48 luck nice 78 rope 96

Step II : luck have sum 28 19 48 nice rope 96 78

Step III : nice luck have sum 28 19 rope 96 78 48

Step IV : rope nice luck have sum 19 96 78 48 28

Step V : sum rope nice luck have 96 78 48 28 19

And Step V is the last step of the rearrangement.

As per the rules followed in the above steps, find out in each of the following questions the appropriate steps for the input given below :

Input : 49 last zen 16 82 yet can vast 33 aim 87 54

Q16. How many steps would be needed to complete the arrangement?

a. IV

b. V

c. VI

d. VII

e. None of these

Ans: C

Solution:

Input : 49 last zen 16 82 yet can vast 33 aim 87 54

Step I : aim 49 last zen 16 82 yet can vast 33 54 87 Step

II : can aim 49 last zen 16 yet vast 33 54 87 82 Step

III : last can aim 49 zen 16 yet vast 33 87 82 54 Step

IV : vast last can aim zen 16 yet 33 87 82 54 49 Step

V : yet vast last can aim zen 16 87 82 54 49 33 Step

VI : zen yet vast last can aim 87 82 54 49 33 16

Q17. Which Step number would be the following output?

vast last can aim zen16 yet 33 87 82 54 49

a. III

b. II

c. VII

d. IV

e. There will be no such step

Ans: D

Q18. Which of the following would be the Step I?

a. aim 49 can zen 16 yet vast 33 54 87 82

b. vast last can aim zen 16 yet 33 87 82 54 49

c. zen 49 last 16 82 yet can vast 33 aim 54 87

d. aim 49 last zen 82 yet can vast 33 87 54 16

e. None of these

Ans: E

Q19. In Step V which of the following word/number would be on the 6th position (from the right)?

a. 87
b. 16
c. 33
d. zen
e. aim

Ans: B

Q20. Which of the following would be the final arrangement?

a. zen yet vast last can aim 16 33 49 54 82 87
b. aim can last vast yet zen 16 33 49 54 82 87
c. aim can last vast yet zen 87 82 54 49 33 16
d. zen yet vast last can aim 87 82 54 49 33 16
e. None of these

Ans: D

Directions (21 - 27): Study the following information carefully and answer the given questions.

Eight friends, Meenal, Rumia, Shikha, Ali, Peter, Harleen, Ketan and Bharat are sitting around a square table in such a way that four of them sit at four corners of the square while four sit in the middle of each of the four sides. The ones who sit at the four corners face the centre while those who sit in the middle of the sides face outside.

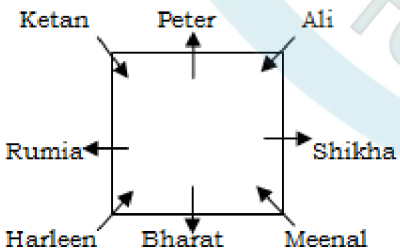
Bharat sits second to the right of Shikha. Bharat does not sit at any of the corners. Meenal sits third to the right of Peter. Peter is not an immediate neighbour of Shikha. Rumia and Ketan are immediate neighbours of each other but Rumia does not sit at any of the corners of the table. Harleen is neither an immediate neighbour of Peter nor Shikha.

Q21. Four of the following five are alike in a certain way and so form a group. Which is the one that **does not** belong to that group?

a. Peter
b. Rumia
c. Harleen
d. Shikha
e. Bharat

Ans: C

Solution:



Except Harleen, all others sit in the middle of the sides.

Q22. Who sits third to the left of Ali?

a. Bharat
b. Rumia
c. Shikha
d. Peter

e. Cannot be determined

Ans: A

Q23. What is the position of Peter with respect to Meenal?

a. To immediate left

b. Second to the left

c. Third to the left

d. Third to the right

e. Second to the right

Ans: D

Q24. Who amongst the following sits second to the right of Ketan?

a. Shikha

b. Ali

c. Bharat

d. Harleen

e. Meenal

Ans: D

Q25. Who amongst the following represent the immediate neighbours of Harleen?

a. Meenal, Ketan

b. Bharat, Rumia

c. Bharat, Meenal

d. Ali, Rumia

e. Ali, Ketan

Ans: B

Q26. Who amongst the following sit/s exactly between Peter and Ali ?

a. Only Bharat

b. Ketan and Rumia.

c. Only Harleen

d. Harleen and Meenal

e. No one sits between Peter and Ali

Ans: E

Q27. Who amongst the following is an immediate neighbour of Meenal?

a. Rumia

b. Ali

c. Ketan

d. Harleen

e. Shikha

Ans: E

Directions (28 -33): Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and

a. **Give answer (1)** if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

b. **Give answer (2)** if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

c. **Give answer (3)** if the data in statement I alone or in statement II alone are sufficient to answer the question.

d. **Give answer (4)** if the data in both the statements I and II are not sufficient to answer the question.

e. **Give answer (5)** if the data in both the statements I and II together are necessary to answer the question.

Q28. How is 'letter' written in the code language?

I. 'please write a letter' is written as **'7218'** , 'received a Greek letter is written as **'7513'**.

II. 'write in English please' is writ-ten as **'2084'**, and 'a letter in Greek' is written as **'5714'**.

Ans: D

Solution:

From both the statements

please write a letter → 7 2 1 8

received a Greek letter → 7 5 1 3

write in English please → 2 0 8 4

a letter in Greek → 5 7 1 4

Q29. Among A, B, C, D and E, seated in a straight line; facing North, who sits exactly in the middle of the line ?

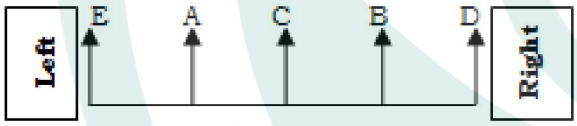
I. A sits third to left of D. B sits to the immediate right of C.

II. B sits second to right of A. E is not an immediate neighbour of D.

Ans: E

Solution:

From both the statements



Q30. A six storey building (consisting 'of an **unoccupied ground floor** and five floors on top of the ground floor numbered 1, 2, 3, 4 and 5) houses different people viz. A, B, C, D and E. Who lives on the third floor ?

I. C lives on an even numbered floor. A lives immediately above D. B lives immediately above A. E does not live on the topmost floor.

II. D lives on an odd numbered floor. A and B are immediate neighbours of each other. Similarly, C and E are immediate neighbours of each other. C does not live on an odd numbered floor.

Ans: A

Solution:

From statement I

Fifth Floor	B
Fourth Floor	A
Third Floor	D
Second Floor	C
First Floor	E
Ground Floor	

Q31. Are all the four friends Abhay, Kavita, Prashant and Yasir who are sitting around a circular table facing the centre?

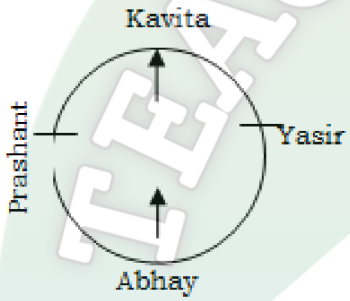
I. Kavita sits second to left of Abhay. Abhay faces the centre. Yasir sits to the immediate right of Abhay as Well as Kavita.

II. Prashant sits third to the right of Kavita. Abhay sits to immediate right of Prashant as well as Yasir.

Ans: C

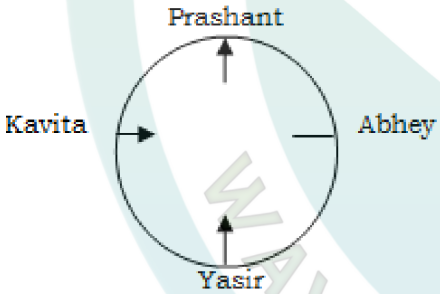
Solution:

From statement I



Kavita is facing outward.

From statement II



Prashant is facing outward.

Q32. Is R the granddaughter of C ?

I. The only sister of A is the mother of R's brother, B ..

II. C, the mother of A has only one grandson, B.

Ans: E

Solution:

From both the statements

C is grandmother of B and R.

R is granddaughter of C.

Q33. Read the following information and five statements given below it carefully and answer the question which follows.

Excerpt from a research report- 'Average life expectancy in Southern part of India is far more than that in Western India. While the average life of a native of South India is 82 years, the average life of a native of Western India is only 74 years'.

Based on the above fact, the proposal that the above study makes is that if an individual moves from Western India to South India, his/her life expectancy would immediately increase by eight years.

Which of the following statements would **weaken** the above mentioned study's proposal that people belonging to Western parts of India should move to South India to increase their life expectancy?

a. The average life expectancy of population living in Eastern part of the country is also less than the population living in South India

b. Nearly 80% of the population in Southern India has a minimum age of 83 years

c. Higher life expectancy in Southern India can be ascribed to the genetic make-up of the population belonging to that area.

d. The average life expectancy of South India is comparable to the best averages in the world

e. Higher life expectancy in Southern India can be attributed to better environmental conditions and better health-care facilities.

Ans: C

Directions (34 - 37) In each question below is given a statement followed by two Assumptions I and II. An assumption is something supposed or taken for granted. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

Give Answer

a. If only Assumption I is implicit

b. If only Assumption II is implicit

c. If either Assumption I or Assumption II is implicit

d. If neither Assumption I nor Assumption II is implicit

e. If both Assumption I and II are implicit

Q34. Statement - The biggest private airline decided to increase the number of flights between cities A and B to 10 flights everyday.

Assumptions

I. Other private airlines may also increases the frequency of daily flights between cities A and B.

II. There may be adequate passenger load on all the biggest private airline even after increased frequency.

Ans: E

Q35. Statement Majority of the employees of the organization decided to join with their family the overnight picnic funded by the organization.

Assumptions

I. The management of the organization may not welcome the employees enthusiasm.

II. The management of the organization may provide adequate funds for the picnic.

Ans: B

Q36. Statement The reputed management institute in the city increased the fees by 300% from the next academic year.

Assumptions

I. The institute may still attract good number of students for all its courses.

II. The students may now opt for other institutes in the city which charge less fees.

Ans: B

Q37. Statement Many residents of the locality decided not to attend the cultural function organized by the local club to protest against the club's limited invitations.

Assumptions

I. The local club may cancel the cultural function.

II. The local club may stop all its activities.

Ans: D

Directions (38 - 40) Read the following statements carefully and answer the questions which follow.

Q38. Real estate builders have refused to bring down the property prices as proposed by the government this year.

Which of the following arguments would strengthen the stance taken by the builders?

a. Very few people ventured into buying properties this year owing to exorbitant prices set by the builders

b. With the ever increasing cost of basic materials such as cement and steel, the profit of the builders has gone down by 48% this year

c. The builders have earned huge profit in a governmental scheme for building low cost housing societies

d. In a report published by a national daily, the margin of profit earned by a builder per square foot is as much as eighty per cent of its cost price

e. The builders have to necessarily abide by the decree of the government which controls the prices of the real estate.

Ans: B

Q39. The ministry of sports has been advised by a committee to take the highest award in the field of sports back from two players who were allegedly involved in match-fixing.

Which of the following statements would weaken the argument put forward by the committee to the sports ministry?

a. A good conduct in the past and a lack of evidence against the players make the case against them very weak

b. The ministry of sports has never declined the recommendations made by the committee earlier

c. Taking the award back from the players would set a good example to other players for avoiding such actions in the future

d. There have been past cases where the award had to be taken back from the players owing to some misconduct later on

e. The committee is constituted of some of the most respected and esteemed members from the fields of sports and politics

Ans: A

Q40. Many organizations have been resorting to recruitment based upon performance at graduate/post-graduate level exams rather than conducting exams for the same purpose.

Which of the following statements would strengthen the argument given in the above statement?

a. A recent study shows no link of past performance with the performance in recruitment exams

b. The graduate / post-graduate exams are considered to be severely deficient in training in job related environment

c. Organizations which had undertaken recruitment on the basis of graduate / post graduate exams report a significant drop in the quality of the recruited employees

d. Such policies would add to unemployment among students having below average performance in graduation or post-graduation

e. Such policies could save time, money and resources of the organization which are wasted in the conduct of recruitment examinations

Ans: E