

IBPS 2017 EXAM
NUMERICAL ABILITY

Direction: Q. (1-5) :Find the next number following the pattern.

1)5, 28, 162, 805, 3216, ?

1.8972

2.9791

3.8276

4.8678

5.9645

Answer: 5.9645

Explanation

$$5 * 7 - 7 = 28$$

$$28 * 6 - 6 = 162$$

$$162 * 5 - 5 = 805$$

$$805 * 4 - 4 = 3216$$

$$3216 * 3 - 3 = 9645$$

2)5.5, 7, 10, 16, 28, ?

1.101

2.52

3. 45

4.74

5.93

Answer: 2.52

Explanation

$$5.5 + 1 * 1.5 = 7$$

$$7 + 2 * 1.5 = 10$$

$$10 + 4 * 1.5 = 16$$

$$16 + 8 * 1.5 = 28$$

$$28 + 16 * 1.5 = 52$$

3)13, 301, 445, 517, 553, ?

1.580

2. 571

3. 652

4. 632

5. 582

Answer: 2.571

Explanation

$$13 + 288 = 301$$

$$301 + 144 = 445$$

$$445 + 72 = 517$$

$$517 + 36 = 553$$

$$553 + 18 = 571$$

4) 4, 6, 6, 30, 100, ?

1.205

2.315

3.475

4.530

5. 685

Answer: 4.530

Explanation

$$4 * 1 + 1 * 2 = 6$$

$$6 * 2 - 2 * 3 = 6$$

$$6 * 3 + 3 * 4 = 30$$

$$30 * 4 - 4 * 5 = 100$$

$$100 * 5 + 5 * 6 = 530$$

5) 5, 11, 29, 83, 245, ?

1. 535

2. 731

3. 615

4. 602

5. 533

Answer: 2. 731

Explanation

$$5 + 6 = 11$$

$$11 + 3 * 6 = 29$$

$$29 + 3 * 18 = 83$$

$$83 + 3 * 54 = 245$$

$$245 + 3 * 162 = 731$$

6) A, B and C invested in a business in the ratio 6: 8: 9. If B invested for a period whose numerical value is 112.5% of B's investment but A and C invested for one year. If profit of B at the end of the year is 16750 then what is the share of profit of C?

1. 20225

2. 22125

3. 25225

4. 25125

5. 23125

Answer: 4. 25125

7) Sum of the length of two trains A and B is 660. The ratio of the speeds of A and B is 5: 8. Ratio between time to cross an electric pole by A and B is 4: 3. Find the difference in the length of two trains.

1. 50

2. 60

3. 80

4. 75

5. 90

Answer: 2. 60

Explanation:

Sum of length of train = 660

$$l_1 + l_2 = 660$$

$$S_A : S_B = 5 : 8$$

Let speed be $5x$ and $8x$ and time taken to cross pole be $4y, 3y$

So,

$$5x \times 4y + 8x \times 3y = 660$$

$$44xy = 660$$

$$xy = 15$$

$$l_1 - l_2 = 24xy - 20xy$$

$$= 4xy$$

$$\Rightarrow 60$$

8) A mixture of milk and water in a jar contains 28 L milk and 8 L water. X L milk and X L water are mixed to form a mixture. If 40% of the new mixture is 20 L, then find the value of X.

1. 7 L

2. 8 L

3. 6 L

4. 5 L

5. 9 L

Answer: 1. 7 L

Explanation:

$$40\% \text{ of new mixture} = 20L$$

$$100\% \text{ of new mixture} = 20/40 \times 100$$

$$= 50 L$$

$$28 + x + 8 + x = 50$$

$$2x = 50 - 36$$

$$x = 7L$$

9) Marked price of A is Rs. 1600 more than its cost price. When discount on A is 500 a profit of 25% is obtained. At what price should A be sold to obtain a 30% profit?

1. 4800

2. 5600

3. 5400

4. 5200

5. None of these

Answer: 5. None of these

10) The ten's digit of a three digit number is 3. If the digits of x are interchanged and the number thus formed is 396 more than the previous one. The sum of unit digit and hundred digit is 14, then what is the number?

1. 480

- 2. 539
- 3. 593
- 4. 935
- 5. None of these

Answer: 2. 539

Explanation:

Let digit be xyz

So,

According to question

$$y = (100z+30+x) - (100x+30+z) = 396$$

$$99z-99x=396$$

$$z - x = 4 \dots (i)$$

And it is given that

$$z + x = 14 \dots (ii)$$

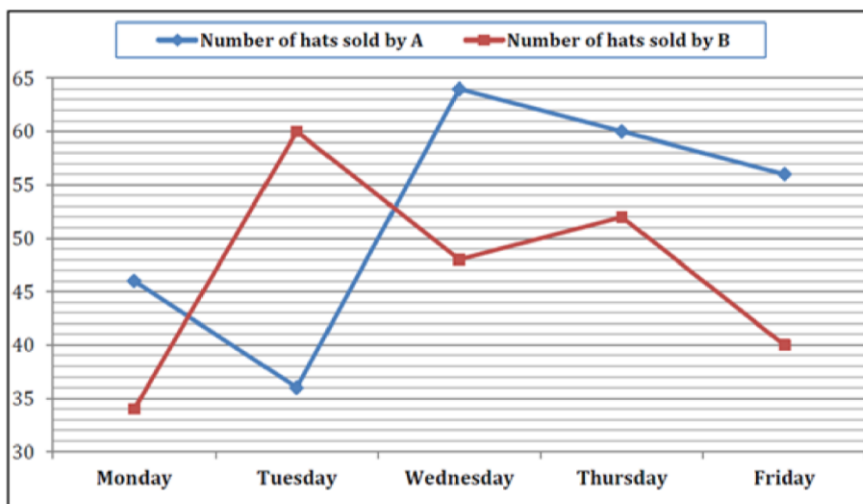
Solving (i) & (ii)

$$z = 9$$

$$x = 5$$

So, number is = 539

Question 11-15



11) A sold 80% defective hats on Thursday and B sold 75% defective hats on the same day. Find the number of hats sold by A and B on Thursday that are not defective?

1. 25

2. 20

3. 18

4. 32

5. 40

Answer: 1. 25

12) If number of hats sold on Friday by A is increased by $14\frac{2}{7}\%$, then what will be the average no. of hats sold on Monday, Wednesday, and Friday by A?

1.85

2.58

3.56

4.82

5.52

Answer: 2.58

13) What is the difference between the number of hats sold on Monday and Wednesday by B to the number of hats sold on Friday by both A & B together?

1.9

2.12

3.14

4.21

5.24

Answer: 3.14

Explanation

No. of hats sold on Monday & Wednesday by B

$$= 34 + 48 = 82$$

No. of hats sold on Friday by A and B together

$$= 56 + 40 = 96$$

$$\text{Desired Difference} = 96 - 82 = 14$$

14) Find the ratio of number of hats sold by A on Tuesday & Friday together to number of hats sold by B on same days.

1.25: 23

2.23: 25

3.21: 25

4.25: 21

5.18: 17

Answer: 2.23: 25

Explanation

No. of hats sold on Tuesday & Friday by A

$$= 36 + 56 = 92$$

No. of hats sold on Tuesday & Friday by B

$$= 60 + 40 = 100$$

$$\text{Desired Ratio} = 92: 100 = 23: 25$$

15) Find the number of hats sold on Saturday by A and B together, if number of hats sold on Saturday is $7\frac{1}{7}\%$ more than the hats sold on Thursday by A and B together?

1.110

2.114

3.116

4.118

5.120

Answer: 5.120

Q.No 16

$$(\sqrt{80.997} - \sqrt{25.001}) \times (\sqrt{120.90} + \sqrt{16.02}) = ?$$

1.50

2.60

3.75

4.70

5.55

Answer: 2.60

Explanation

$$\approx (9 - 5) \times (11 + 4) = ?$$

$$\approx ? = 60$$

17) Sum of the present ages of A, B, C and D is 76 years. After 7 years ratio of their ages is 7 : 6 : 5 : 8. What is C's present age?

1.14

2.12

3.13

4.8

5.10

Answer: 3.13

Explanation

At present sum of age = 76

After 7 years sum of age will be

$$7x + 6x + 5x + 8x = 76 + 7 \times 4$$

$$26x = 76 + 28$$

$$X = 104/26$$

$$x = 4$$

C's present age = $5x - 7$

$$= 20 - 7$$

$$= 13$$

Q.No: 18

1.2/13

2.1/14

3.2/17

4.1/13

5. None of these

Answer: 2.1/14

19) The ratio of cost price to the selling price of an article is 5: 6. If 20% discount is offered on marked price of the article then marked price is what percent more than cost price?

1. 100/3 %

2. 50%

3. 40%

4. 200/3 %

5. 60%

Answer: 2.50%

20) Ramesh has 20% savings with him from his monthly salary. If expenditure on clothing is 25% of overall expenditure and his total expenditure except clothing is 3600 then find his saving.

- 1.1000
- 2.1500
- 3.1600
- 4.1200
- 5.900

Answer: 4.1200

Direction: Q.No (21-25)

Publishers	Number of book published	% of books distributed among distributors	Number of distributors working with the company
Company A	4500	95	8
Company B	6400	90	10
Company C	5800	80	11
Company D	3500	90	5
Company E	5600	80	7
Company F	7200	70	6

21. What was the difference between the numbers of books received by each distributor working with company B and the number of books received by each distributor working with company F?

- 1.324
- 2.300
- 3.264
- 4.220
- 5.315

Answer: 3.264

Explanation

Number of books received by each distributor:

$$\text{Company B} = (6400 \times 90) / (100 \times 10) = 576$$

$$\text{Company F} = (7200 \times 70) / (100 \times 6) = 840$$

$$\text{Required difference} = 840 - 576 = 264$$

22. Among the total number of books distributed by company D the respective ratio of academic and Non-academic books was 5:4. What was the number of non-academic books distributed by the company

D?

- 1.900

2.1400

3.1550

4.1010

5.1200

Answer: 2.1400

Explanation

Number of books distributed by company D =

$$(3500 \times 90) / 100 = 3150$$

Academic: Non-academic books = 5:4

$$\text{Number of non-academic books} = 3150 \times (4/9) = 1400$$

23. The number of books distributed by company B is what percent of the number of books distributed by company E?

1.155%

2.110%

3.115%

4.129%

5.140%

Answer: 4.129%

Explanation

Number of books distributed by company B =

$$(6400 \times 90) / 100 = 5760$$

$$\text{Company E} = (5600 \times 80) / 100 = 4480$$

$$\text{Required \%} = (5760 \times 100) / 4480 = 129\% \text{ (approx.)}$$

24. What was the respective ratio between total numbers of books distributed Company B and the total number of books distributed by Company C?

1.36:29

2.25:46

3.42:47

4.33:25

5.41:35

Answer: 1.36:29

Explanation

Required ratio = $(6400 \times 90)/100 : (5800 \times 80)/100 =$

$64 \times 90 : 58 \times 80 = 36 : 29$

25. _____ is the average number of books published by companies A, C and D together?

1.7800

2.4500

3.4600

4.5460

5.7520

Answer: 3.4600

Explanation

$(4500 + 5800 + 3500)/3 = 4600$

Q. (26-30) What approximate value should come in place of the x in the following questions?

26) 36.06% of $449.95 + \sqrt{3140} - 17.96 \times 12.92 = x$

1.-34

2.-12

3.-36

4.-16

5.-23

Answer: 4.-16

Explanation

$162 + 56 - 234 = -16$

27) $\sqrt{2900} + 126.07\%$ of $350.09 - 23.06 \times 15.93 = x$

1.153

2.187

3.126

4.118

5.134

Answer: 3.126

Explanation

$53 + 441 - 368 = 126$

28) $\sqrt{(52.04\% \text{ of } 650.002 + 88.902 \times 16.08)} - 495 \div 13$

1.17

2.11

3.10

4.8

5.4

Answer: 5.4

Explanation

$$\sqrt{(338+1424)} - 38 = 42 - 38 = 4$$

29) $830 \div 16 - 34.09\% \text{ of } 450.03 + 44.99\% \text{ of } 280 = x$

1.25

2.29

3.37

4.33

5.40

Answer: 1.25

Explanation

$$52 - 153 + 126 = 25$$

30) $825 \div 14 - 635 \div 12.02 + 20.09\% \text{ of } 370 = x$

1.48

2.80

3.89

4.76

5.70

Answer: 2.80

Explanation

$$59 - 53 + 74 = 80$$

Q. (31-35) what will be come in place of question mark (?) in the following number series?

31) 14 8 7 11.5 22 ?

1.54

2.64

3.62

4.58

5.56

Answer: 5.56

32) 8 14 25 46 82 ?

1.132

2.130

3.138

4.168

5.148

Answer: 3.138

33) 13 14 30 93 ? 1885

1.358

2.336

3.364

4.376

5.356

Answer: 4.376

34) 17 52 158 477 ? 4310

1.1433

2.1432

3.1435

4.1434

5. None of these

Answer: 3.1435

35) 3 22 ? 673 2696 8093

1.133

2.155

3.156

4.134

5. None of these

Answer: 4.134

36) Ram and Shyam are travelling from point A to B, which are 60 km apart. Travelling at a certain speed ram takes one hour more than Shyam to reach point B. If Ram doubles his speed he will take 30 minutes less than Shyam to reach point B. At what speed was Ram driving from point A to B?

- 1.15 kmph
- 2.35 kmph
- 3.30 kmph
- 4.25 kmph
- 5.20 kmph

Answer:5.20 kmph

37) Two places P and Q are 92 km apart. A train leaves P for Q and at the same time another train leaves Q for P. Both the trains meet 4 hrs after they start moving. If the train travelling from P to Q travels 7 km/hr faster than the other train, find the speed of the two trains.

- 1.15 km/hr, 8 km/hr
- 2.12 km/hr, 8 km/hr
- 3.12 km/hr, 9 km/hr
- 4.15 km/hr, 9 km/hr
- 5.None of these

Answer: 1.15 km/hr, 8 km/hr

38) Sapna borrowed a certain sum of money from Kavita under the following repayment scheme based on simple interest. 8% p.a. for the initial 2 years, 9.5% p.a. for the next 4 years, 11% p.a. for the next 2 years, 12% p.a. after the first 8 years. Find the amount which a sum of Rs. 9000 taken for 12 years becomes at the end of 12 years?

- 1.Rs. 20160
- 2.Rs. 22350
- 3.Rs. 23470
- 4.Rs. 24567
- 5.None of these

Answer: 1.Rs. 20160

39) The difference between the sum of four consecutive odd numbers and three consecutive even numbers together is 20. Also, the largest even number is 5 more than the largest odd number. What is the sum of the smallest odd number and the smallest even number?

1.77

2.71

3.879

4.83

5. Cannot be determined

Answer: 1.77

40) Anoop sells a book to Mayank at a profit of 20% and Mayank sells this book to Siddharth at a profit of 25%. Now Siddharth sells this book at a loss of 10% to Shishir. At what percentage loss should Shishir sell this book now so that his SP becomes equal to Anoop's CP?

1. 36.68%

2. 25.92%

3. 48.66%

4. 16.46%

5. Cannot be determined

Answer: 2. 25.92%

LOGICAL REASONING

Directions (Q.1 – 5) Study the following information carefully to answer the given questions.

Nine boxes A, B, C, D, E, F, G, H and I are arranged but not in same order as above. Box which is placed on the top is numbered 9th. Each box holds different number of chocolates. The number of chocolates held by each box is in the range from 1 to 20. Three boxes are there between A and B. H is immediately below A. Box A is placed one of the positions below 7th. As many boxes between H and G are same as between C and D. Number of boxes between H and G is less than three and more than one. E placed immediately below D and only three boxes between E and F. E placed on one of the positions below F. The number of chocolates held by C is even prime. The number of chocolates held by F is the sum of the number of chocolates held by C and B. The number of chocolates held by B, D, F are single digit odd prime number. The number of chocolates held by E is neither a prime nor a composite. The number of chocolates held by A and I are two-digit even number. The number of chocolates held by G and H are two-digit odd composite number and single digit odd composite number respectively. B does not hold the least number of chocolates. The number of chocolates held by D is the highest single digit odd prime number. The difference between the number of chocolates held by A and I is 6. The number of chocolates held by A is more than 10 but less than 14.

1) Which of the following holds more number of chocolates?

1. B

2. A

3. D

4.G

5.I

Answer: 5.I

2) How many number of chocolates are there in Box "E"?

1.7

2.5

3.15

4.1

5.12

Answer: 4.1

3) If G is related to "9", A is related to "7" then B is related to?

1.3

2.1

3.4

4.Either 3 or 1

5.None of these

Answer: 1.3

4) Four of the following five are alike in a certain way and so form a group. which one does not belong to that group?

1.9 - G - 5

2.7 - A - 9

3.1 - B - 1

4.6 - H - 7

5.4 - E - 3

Answer: 3.1 - B - 1

5) How many boxes between C and F?

1.4

2.5

3.6

4.1

5.3

Answer:2.5

Directions (6-8): Study the following information to answer the given questions:

In a certain code,

'Relative Super Healthy Transmission' is written as ' %10R #16Q @24S \$14G,

'Flexible Clean Gear Industry' is written as '#16E @10B \$16H %8F',

'Disorder Pain Memory Negative' is written as '\$12L %16C @8O #16M',

'Illustration Opportunity Exposure Forever' is written as '%14E \$22N #16D @24H'.

6) What is the code for 'Leather Company'?

1.\$16B %12K

2.\$16B %14K

3.\$14B %14K

4.\$14B %12K

5.Cannot be determined

Answer: 3.\$14B %14K

Solution:

First Position: Symbols represents last letter in words: E – #, R – %, Y – \$, N – @

Second Position: Number represents the double of the total number of letters in the words

Third Position: Alphabet represents the previous letter of the first letter in words.

Example: PAY – \$6O

7) What is the code for 'Responsible Person'?

1.@22O %22Q

2.@20O %12Q

3.@12O %24Q

4.@12O %22Q

5.Cannot be determined

Answer: 4.@12O %22Q

8) The code '#22O' denotes which of the following word?

1.Puzzle

2.Pure

3.Purchase

4.Playhouse

5.Performance

Answer: 5.Performance

Directions(Q. 9 & 10) Study the information below and answer the following question: –

In a certain code language,

‘Finance and power equal’ is written as ‘gh mk ru st’

‘Power of countries decreasing’ is written as ‘tl zm ak gh’

‘Training equal countries better’ is written as ‘dj ru zm pn’

‘Better to regenerate finance’ is written as ‘br ht dj st’

(All codes are two-letter codes only)

9) What does the code ‘tl’ stand for in the given code language?

1.and

2.Either 'of' or 'decreasing'

3.training

4.to

5.Either 'countries' or 'training'

Answer: 2.Either 'of' or 'decreasing'

10) Which of the following may represent ‘better generate power’ in the given code language?

1.fs gh dj

2.dj mk gh

3.gh pn st

4.gh fs mk

5.xs dj ak

Answer: 1.fs gh dj

Directions(Q.11 – 15): Study the following information carefully to answer the given questions.

There are eight people T, S, U, V, W, X, Y and Z stay on the different floor of a building. The lower most floor of the building is numbered 1, the one above that is numbered 2 and so on till the topmost floor is numbered 8. They are coming from 8 different countries namely Germany, Russia, Malaysia, UK, Pakistan, US, Brazil and Singapore. Z lives on an odd no floor above the floor numbered 3. The one from Germany lives immediately below Z. Three persons live between Z and the one who is from Russia. As many people live above Z as below X. V lives immediately below Y. Y lives on an odd no floor above X. One person lives between the one who is from Malaysia and Y. U lives on an odd no floor. One from Pakistan lives immediately above U. As many persons live between U & Z as between S and UK. More than two persons live between Y and one from Brazil.

T is neither from Brazil nor from Singapore. The person who stays in the second floor is not from Pakistan and S is not from Brazil.

11) Who among the following lives in Floor number 5?

1.U

2.X

3.S

4.Y

5.V

Answer: 4.Y

12) How many persons stay between X and the person from Germany?

1.6

2.5

3.3

4.4

5. 2

Answer:3.3

13) If Z is related to "6", U is related to "2" then V is related to?

1.3

2.1

3.4

4.Either 3 or 1

5.None of these

Answer: 1.3

14) Four of the following five are alike in a certain way and so form a group. which one does not belong to that group?

1.3 - V - Russia

2.7 - T - Malaysia

3.4 - U - Pakistan

4.6 - Z - Germany

5.2 - U - UK

Answer: 3.4 - U - Pakistan

15) Who among the following is from Malaysia?

1.U

2.Z

3.S

4.Y

5.V

Answer: 2.Z

16) P and Q are two friends separated by a distance of 20 meter. They starts walking away from each other and after travelling 5 meter each they turn right and left respectively and walks 10 meter more. Now they turn to their left and walk 10 meter more. Find the distance between P and Q now?

1.20m

2.30m

3.40m

4.45m

5. None of these

Answer: 3.40m

17) Arun starts walking in a direction and walks 5 m. Now he takes a left turn and walks another 5 m. Then again he takes a left turn and walk 10m before turning to his right. Now if he is facing east, in which direction he starts.

1.North

2.South

3.East

4.West

5.None of these

Answer: 2.South

18) In a certain code DREAMING is written as BFSEFMHL. How is TREATISE written in that code?

1.BFSUSHRD

2.BFSUDRHS

3.BFSVDQRD

4.BFSVSHRD

5.None of these

5.None of these

Answer: 2.BFSUDRHS

Explanation:

TREA – AERT – BFSU

TISE – ESIT – DRHS

Directions(Q.19 and 20): In a family of six persons A, B, C, D, E and F, there are two married couples. D is the grandmother of A and mother of B. C is the wife of B and mother of F. F is the granddaughter of E.

19) How many males are there in the family?

1. Two
2. Three
3. Either Two or Three
4. Four
5. Can not be determined

Answer: 3. Either Two or Three

20) Which of the following is true?

1. A is the brother of F
2. A is the brother of C
3. D has two grandsons
4. C has two children
5. B has two daughters

Answer: 4. C has two children

Directions(Q.21 – 25) Study the following information carefully to answer the given questions.

A, B, C, D, P, Q, R, S seated straight line facing north born in different years 1986, 1991, 1994, 1996, 1998, 2000, 2001 and 2003 but not in same order. As on 2017, B sits extreme end of the line. Three people sit between B and 16 yr old. 23 yr old sits second left of Q. Q sits right of 16 year old but not immediate. Two persons sit between 23 year old and D. Three persons sit between 26 yr and C. C sits right of 26 year. Neither B nor D are 26 yr old. The difference of ages of neighbors of D is 5. Oldest is not neighbor of D. D is not the youngest. P sits immediate right of 31 year old. Five persons sit between 31 and 19 year old. A sits second right of R.

21) Who among the following is the eldest?

1. R
2. B
3. A
4. C
5. Q

Answer: 2.B

22) Which of the following statements is/are true according to the given information?

- 1.The difference between the age of D & C is 7
- 2.D born in 2003
- 3.The difference between the age of P & Q is 13
- 4.One of the immediate neighbours of A born in 2003
- 5.All the statements are true.

Answer: 4.One of the immediate neighbours of A born in 2003

23) What is the age difference between the youngest one and the eldest one?

- 1.16
- 2.15
- 3.17
- 4.12
- 5.17

Answer: 5.17

24) Four of the following five are alike in a certain way and so form a group. which one does not belong to that group?

- 1.B - 17
- 2.S - 23
- 3.R - 19
- 4.C - 21
- 5.D - 16

Answer:4.C - 21

25) What is the difference between the age of S after 10 years from now and the age of D before 10 years?

- 1.24
- 2.27
- 3.25
- 4.28
- 5.26

Answer: 2.27

Direction: Q no 26-30

There are Seven friends, A, B, C, D, E, F and G have different weight and height. The both height and weight details are arranged in descending order. B is the thinnest and tallest among them D is not as short as E but shorter than C. G is not as fat as C but fatter than F. C and E are taller than G but shorter than A. F is fatter than E and the shortest among them. C is third among them in fatness in descending order. The position of A is not same in the both list.

Height	Weight
B	A
A	D
C	C
D	G
E	F
G	E
F	B

26) Who among the following occupies same position in both lists?

- 1.E
- 2.B
- 3.A
- 4.C
- 5.D

Answer: 4.C

27) In the list of height details who among the following is immediately followed by C?

- 1.E
- 2.G
- 3.A
- 4.C
- 5.D

Answer:5.D

28) In the list of weight details who among the following is immediately preceded by F?

- 1.E
- 2.G
- 3.A
- 4.C

5.D

Answer: 2.G

29) Which of the following pair represents the second tallest and fourth fattest person?

1.DF

2.GD

3.DE

4.CD

5.AG

Answer:5.AG

30) In weight list, what is the position of F from the top?

1.4

2.5

3.2

4.3

5.6

Answer: 2.5

31) $L > I = N > P; I \geq R > K; N \leq E < Z$

(i) $E > P$ (ii) $R < L$

1.Only conclusion I follows

2.Only conclusion II follows

3.Either conclusion I or II follows

4.Neither conclusion I nor II follow

5.Both conclusion I and II follow

Answer: 5.Both conclusion I and II follow

32) $S > A = N \geq D; A \geq L > E; M \leq L \leq D$

(i) $S > E$ (ii) $L < S$

1.Only conclusion I follows

2.Only conclusion II follows

3.Either conclusion I or II follows

4.Neither conclusion I nor II follow

5.Both conclusion I and II follow

Answer: 5.Both conclusion I and II follow

33) $P \geq V \geq R \leq E < Y$; $G \geq E > N$

(i) $P > N$ (ii) $G \geq Y$

1. Only conclusion I follows
2. Only conclusion II follows
3. Either conclusion I or II follows
4. Neither conclusion I nor II follow
5. Both conclusion I and II follow

Answer: 4. Neither conclusion I nor II follow

34) $L > I = N > P$; $I \geq R > K$; $N \leq E < Z$

(i) $K > N$ (ii) $I < Z$

1. Only conclusion I follows
2. Only conclusion II follows
3. Either conclusion I or II follows
4. Neither conclusion I nor II follow
5. Both conclusion I and II follow

Answer: 2. Only conclusion II follows

35) $P \geq V \geq R \leq E < Y$; $G \geq E > N$

(i) $N < Y$ (ii) $R \geq N$

1. Only conclusion I follows
2. Only conclusion II follows
3. Either conclusion I or II follows
4. Neither conclusion I nor II follow
5. Both conclusion I and II follow

Answer: 1. Only conclusion I follows

Directions(Q.36 – 40) In each question below are given two or more Statements. You have to take the given statements to be true even if they seem to be at variance with commonly known fact. Read all the conclusions and then decide which of the given conclusions does not logically follow from the given statements using all statements together.

36) Statements:

All roses are flowers

Some flowers are toys

No toy is a doll

Conclusions:

I. Some flowers are definitely not dolls

II. All dolls being flowers is a possibility

1. Only conclusion I follows

2. Only conclusion II follows

3. Either conclusion I or II follows

4. Neither conclusion I nor II follow

5. Both conclusion I and II follow

Answer :5. Both conclusion I and II follow

37) Statements:

All roses are flowers

Some flowers are toys

No toy is a doll

Conclusion:

All roses being toys is a possibility

At least some roses are dolls

1. Only conclusion I follows

2. Only conclusion II follows

3. Either conclusion I or II follows

4. Neither conclusion I nor II follow

5. Both conclusion I and II follow

Answer :1. Only conclusion I follows

38) Statements:

Some fans are balls

All balls are cots

No cot is a pen

Conclusions:

I. No fan is a pen

II. Some fans are pens

1. Only conclusion I follows

2. Only conclusion II follows
3. Either conclusion I or II follows
4. Neither conclusion I nor II follow
5. Both conclusion I and II follow

Answer : 3. Either conclusion I or II follows

39) Statements:

Some dams are cats

Some cats are seats

No seat is a test

Conclusions:

All dams can never be tests

Some cats are definitely not tests

1. Only conclusion I follows
2. Only conclusion II follows
3. Either conclusion I or II follows
4. Neither conclusion I nor II follow
5. Both conclusion I and II follow

Answer : 2. Only conclusion II follows

40) Statements:

All rings are ways

All ways are pencils

Some ways are buns

Conclusions:

At least some buns are ring

All rings being buns is a possibility.

1. Only conclusion I follows
2. Only conclusion II follows
3. Either conclusion I or II follows
4. Neither conclusion I nor II follow
5. Both conclusion I and II follow

Answer : 2. Only conclusion II follows

ENGLISH

Direction (1 – 10): Below in each questions some sentences are given, find the sentence which is not really contributing to the main theme and the of the passage or find the odd sentence out and rearrange the remaining sentences to make a coherent paragraph. If the given sentence is correct as it is then choose option 5). If the sequence is the one which is not given then choose option 4) as your choice.

1) a) They feel that farm loan waivers and rising public b)/ expenditure go against the spirit of market economics c)/ They are appreciative of tax reforms such as GST d)/ but sharply critical of strong measures to e)/ Government exigencies may come in different ways.

1.CEDB

2.CDEB

3.CDAB

4.None of these

5.No correction required

Ans.3)

Sol. CDAB is the correct sequence.

Sentence (E) is the one which is the odd one out.

2) a)/ In their russet robes, appear to have sprung b)/ So do roses and sunflowers c)/ And the people, d)/ in the valleys, apples and peaches flourish e) / to navigate choppy waters requires courage.

1.DECA

2.DEAC

3.ECBD

4.None of these

5.No correction required

Ans.4)

Sol. The correct sequence is DBCA.

Sentence E is the odd one out.

3) a)/ Outside the hotel, mingling with the b)/ Anyway with such dearth of facilities, and much less lack of inclination, c)/ in the eaves of an old monastery d)/ but visitors outside a Buddhist temple, cooing e)/ the raven is the national bird of Bhutan

1.DAEB

2.BEDA

3.CEDA

4.None of these

5.No correction required

Ans. 3)

Sol. CEDA is the correct choice.

Sentence (B) is odd one out and is not a part of this coherent paragraph.

4) a)/ You don't see any litter lying around b)/ And no sooner was I back on the outskirts of c)/ Dehradun that I was greeted by d)/ mountains of garbage probably the same garbage e)/ late evening activity in front of their balconies.

1.DBAC

2.ACBE

3.DCBE

4.None of these

5.No correction required

Ans.5)

Sol. ABCD is the correct sequence.

5) a)/ A book lover, was very gracious b)/ but conventional education has been one of the primary forces that has brought the world to the brink of destruction c)/ during the Lit Fest, The Queen Mother, d)/ everyone was very kind to me in Bhutan e)/ ensured that I had two days off

1.EBAC

2.DEBA

3.EDAC

4.None of these

5.No correction required

Ans.3)

Sol. EDAC is the correct sequence.

Sentence B is the odd one out.

6) a)/ It's an economic maturity of sorts, when b)/ thereby putting pressure on the system, It could help future generations speak with the voice of eco-wisdom and eco-values e)/ to correct and achieve the said quantum a)/ one puts one's foot down on such

1.CEDB

2.DABE

3.ADEB

4. None of these

5. No correction required

Ans. 3)

Sol. ADEB is the correct sequence

Sentence C is the odd one out.

7) a)/ The physiological process and reasons leading to it can only be overstated b)/ finding sustenance as it spreads c)/ pink when they are small and just opening, d)/ its strong purposeful stem ready to e)/ take hold of any rough surface and travel along it,

1. EBCD

2. CDEA

3. EACD

4. None of these

5. No correction required

Ans.1)

Sol. EBCD is the correct sequence.

Sentence A is the odd one out.

8)a)/ Ficus elastica, the travelling fig, We live b)/ side by side, in perfect harmony c)/ I have grown old in this room d)/ My elastic friend is still in his prime, But we are partners, e)/ as plant and man should be.

1. CABD

2. ABCE

3. AEBC

4. None of these

5. No correction required

Ans.5)

Sol. ABCD is the correct sequence.

Sentence E is the odd one out.

9) d)/ Demands accommodation and c) / to correct and achieve the said quantum, c) / digitisation and tax compliance a)/ they need to be addressed swiftly and with e)/ not merely arm-twisting.

1. DCAE

2. EABC

3. DCAB

4. None of these

5.No correction required

Ans.1)

Sol. DCAE is the correct sequence

Sentence B is the odd one out.

10) a)/ Inevitably, transformation also involves b)/ The physiological process and reasons leading to it can only be overstated c)/ the sheer magnitude of the GST has d)/ meant bureaucratic muddles, government e)/ inefficiencies and even bewilderment.

1.ACDE

2.ADCE

3.BACE

4.None of these

5.No correction required

Ans.1)

Sol. ACDE is the correct sequence.

Sentence B is the odd one out.

Direction (11 – 20): Below in each questions some sentences are given, find the sentence which is not really contributing to the main theme and the of the passage or find the odd sentence out and rearrange the remaining sentences to make a coherent paragraph. If the given sentence is correct as it is then choose option 5). If the sequence is the one which is not given then choose option 4) as your choice.

11) a)/ biases combine to impede b)/ recognition of the urgency c)/ Internal inertia, incomplete information, d)/ risk aversion, and conscious and unconscious e)/ But a few imperatives are already clear

1.CEDB

2.CDEB

3.CDAB

4.None of these

5.No correction required

Ans.3)

Sol. CDAB is the correct sequence.

Sentence (E) is the one which is the odd one out.

12) a)/ the US Federal Reserve, a stall in US GDP growth, b)/ when investor fears of a Chinese hard landing, c)/ an excessively fast exit from zero policy rates by d)/ It is enough to recall the summer of 2015 and early 2016, e)/ in motion by their failure to generate high and inclusive growth.

1. DECA
2. DEAC
3. ECBD
4. None of these
5. No correction required

Ans.5)

Sol. The correct sequence is DBCA.

Sentence E is the odd one out.

13) a)/ not enough to achieve a truly soft one; with b)/ Twenty years after the Asian financial crisis, c)/ distress becomes all but inevitable over time d)/ financial vulnerabilities left unaddressed, e)/ In China, this muddle-through scenario

1. DAEB
2. BEDA
3. CEDA
4. None of these
5. No correction required

Ans.3)

Sol. CEDA is the correct choice.

Sentence (B) is odd one out and is not a part of this coherent paragraph.

14) a)/ The concept of Realpolitik emerged from the mixed b)/ outcomes of the European revolutions of 1848, when c)/ Germany's future unification had many possible permutations, d)/ but the larger political goal – an international order e)/ the problem is a lack of political or social consensus about how to implement it

1. DBAC
2. ACBE
3. DCBE
4. None of these
5. No correction required

Ans.5)

Sol. ABCD is the correct sequence.

Sentence E is the odd one out.

15) a)/ often structured by an “us-them” dichotomy b)/ But as the persistence of low-growth equilibria in many countries shows, c)/ regional, and global divisions are d)/ Words and narratives affect international affairs e)/ response to – or as a result of – national,

- 1.EBAC
- 2.DEBA
- 3.EDAC
- 4.None of these
- 5.No correction required

Ans.3)

Sol. EDAC is the correct sequence.

Sentence B is the odd one out.

16) a)/ Stories that seek to preserve the singular benefits of , b)/ because citizens yearn for responsive c)/ there has been a notable erosion of trust in the effectiveness of public institutions d)/ leadership that addresses local and national concerns e)/ global integration, while limiting

- 1.CEDB
- 2.DABE
- 3.ADEB
- 4.None of these
- 5.No correction required

Ans.3)

Sol. ADEB is the correct sequence

Sentence C is the odd one out.

17) a)/ It requires a discontinuous leap in expectations and policies, b)/ private entities compared to public ones c)/ probability of adaptation, including through a d)/ relatively orderly process of creative e)/ destruction and re-creation, for

- 1.EBCD
- 2.CDEA
- 3.EACD
- 4.None of these
- 5.No correction required

Ans.1)

Sol. EBCD is the correct sequence.

Sentence A is the odd one out.

18) a)/ The latter require an intensification of reform efforts, b)/ lest they constitute another obstacle to c)/ the global economy's ability to d)/ deliver high and inclusive e)/ Many developing countries have experienced extended periods of slow or no growth.

1.CABD

2.ABCE

3.AEBC

4.None of these

5.No correction required

Incorrect

Ans.5)

Sol. ABCD is the correct sequence.

Sentence E is the odd one out.

19) a)/ mechanisms, less costly and less risky economic b)/ As illustrated by the increased regulatory interest they are now attracting, c)/ a stable operating environment, smoother transmission d)/ Like a well-designed, well-functioning road network, strong e)/ interactions, a credible set of property rights, and respect for the rule of law.

1.DCAE

2.EABC

3.DCAB

4.None of these

5.No correction required

Ans.1)

Sol. DCAE is the correct sequence

Sentence B is the odd one out.

20) a)/ The adjustment process is even trickier for public institutions, b)/ Achieving a higher growth equilibrium is rarely a gradual or incremental transition c)/ Often embodying the properties of "natural d)/ monopolies," they are not only shielded from disruption e)/ but can also repress and delay beneficial innovations.

1.ACDE

2.ADCE

3.BACE

4.None of these

5.No correction required

Incorrect

Ans.1)

Sol. ACDE is the correct sequence.

Sentence B is the odd one out.

Directions(Q21-30):IBPS PO 2017 PRELIMS EXAM BASED SENTENCE CORRECTION

Which of the following phrases (I), (II), and (III) given below each sentence should replace the phrase printed in bold letters to make the sentence grammatically correct? Choose the best option among the five given alternatives that reflect the correct use of phrase in the context of the grammatically correct sentence. If the sentence is correct as it is, mark (e) i.e., “No correction required” as the answer.

21) It’s clear that we’re all trying to get somewhere in a hurry **get on smart, get laid, get paid get made.**

(I) get smart, get laid, get paid get made

(II) get smart, get laid, get paid get it made

(III) get smart, get up lay, get paid get made

1.Only (I) is correct

2.Only (II) is correct

3.Both (I) and (III) are correct

4.All are correct

5.No correction required

Answer – 1)

Explanation – “get smart, get laid, get paid get made” are the correct phrases to make the sentence grammatically correct. If we go by the options considering their grammar syntax, only option (I) fits into the sentence perfectly adding the required meaning to the sentence. Hence (1) is the correct option.

22) We’re relying over the outside world to meet all our needs and we delude ourselves into **thinking that the outside world is all that exists.**

(I) We’re relying on the outside world

(II) We’re relying upon the outside world

(III) We’re relying at the outside world

1.Only (I) is correct

2.Only (II) is correct

3.Only (III) is correct

4.Both (I) and (II) are correct

5.No correction required

Answer – 4)

Explanation: “We’re relying on the outside world” are the correct phrases to make the sentence grammatically correct. While “We’re relying upon the outside world “ is also correct phrase and If we go by the option third and considering their grammar syntax, only option (I) and (II) fit into the sentence perfectly adding the required meaning to the sentence. Hence (4) is the correct option.

23) Three interdependent priorities can change the paradigm completely: educating girls, preventing their early marriage, and enabling their safe mobility.

- (I) Three interdependent priorities could change the
- (II) Three interdependent priorities would change the
- (III) Three interdependent priorities may be change the

- 1. Only (I) is correct
- 2. Only (II) is correct
- 3. Only (III) is correct
- 4. Both (II) and (III) are correct
- 5. No correction required

Answer – 5)

Explanation – The given sentence is grammatically correct. It is to be noted that the sentence is not conditional and thus all the given options are incorrect. Hence (5) is the correct option.

24) It occurred by me that I could become the candle we use to light all the diyas rather than a lonely diya waiting to be lit by some outside force.

- (I) It occurred with me that I could become the candle
- (II) It occurred to me that I could become the candle
- (III) It occurred of me that I could become the candle

- 1. Only (I) is correct
- 2. Only (II) is correct
- 3. Only (III) is correct
- 4. Both (I) and (III) are correct
- 5. No correction required

Answer – 2)

Explanation – “It occurred to me that I could become the candle” is the correct phrase to make the sentence correct. Also, the phrasal verb “occur to sb” means ‘If a thought or idea occurs to you, it comes into your mind’. Hence (2) is the correct option.

25) Enlightenment comes when one has worked although and transcended subhuman, human and also, some superhuman parts of being.

- (I) Enlightenment comes when one has worked on
- (II) Enlightenment comes when one has worked around
- (III) Enlightenment comes when one has worked through

- 1. Only (I) is correct
- 2. Only (II) is correct
- 3. Only (III) is correct
- 4. Both (I) and (III) are correct
- 5. No correction required

Answer – 3)

Explanation – “Enlightenment comes when one has worked through” is the correct phrase to make the sentence correct. Also, the phrasal verb “work through” means ‘to deal with something such as a problem or a strong feeling by thinking and talking about it’. Hence (3) is the correct option.

26) You realise that everything that has existed, continues to exist and will come with existence, is a

manifestation of the Divine.

- (I) to exist and will come into existence,
- (II) to exist and will come in existence,
- (III) to exist and will come in the existence,

- 1. Only (I) is correct
- 2. Both (I) and (II) are correct
- 3. Both (II) and (III) are correct
- 4. All are correct
- 5. No correction required

Answer – 1)

Explanation - “to exist and will come into existence” are the correct phrases to make the sentence grammatically correct. If we go by the options considering their grammar syntax, only option (I) fits into the sentence perfectly adding the required meaning to the sentence. Also, the phrasal verb “come into” means ‘suddenly receive (money or property), especially by inheriting it’. Hence (1) is the correct option.

27) When they grow up, Indian women are far more likely to experience violence in the home and outside it, usually from known perpetrators.

- (I) While they grow up, Indian women are far more
- (II) When they growing up, Indian women are far more
- (III) When they grow up, Indian women are more far

1. Only (I) is correct
2. Only (II) is correct
3. Only (III) is correct
4. Both (II) and (III) are correct
5. No correction required

Answer – 5)

Explanation – The given sentence is grammatically correct. It is to be noted that the sentence is not conditional and thus all the given options are incorrect. Hence (5) is the correct option.

28) Achieving equality for girls and boys, women and men, starts in small decisions and bold steps at our own lives.

- (I) starts in small decisions and bold step on
(II) starts in small decisions and bold steps up
(III) starts in small decisions and bold steps in

1. Only (I) is correct
2. Only (II) is correct
3. Only (III) is correct
4. Both (I) and (II) are correct
5. No correction required

Answer – 3)

Explanation – “starts in small decisions and bold steps in” is the correct phrase to make the sentence correct.

Also, the phrasal verb “steps in” means ‘become involved in a difficult situation, especially in order to help. Hence (3) is the correct option.

29) This was an example of people who didn’t mind bearing a personal cost as the act of demonetisation fed up their notion of fairness.

- (I) as the act of demonetisation fed into
(II) as the act of demonetisation fed on
(III) as the act of demonetisation fed in

1. Only (I) is correct
2. Only (II) is correct
3. Only (III) is correct
4. Both (II) and (III) are correct
5. No correction required

Answer- 1

Explanation- “as the act of demonetisation fed into” is the correct phrase to make the sentence correct. Also, the phrasal verb “feed into” means ‘to have an influence on the development of something’. Hence (1) is the correct option.

30) There are whispers now that in a last ditch attempt to stop NFFU from being granted the Government is looking to downgrade the Armed Forces to a Group ‘B’ Service.

(I) the Government is looking on downgrade the

(II) the Government is looking at downgrade the

(III) the Government is looking in downgrade the

1.Only (I) is correct

2.Only (II) is correct

3.Only (III) is correct

4.Both (I) and (III) are correct

5.No correction required

Incorrect

Answer – 5)

Explanation – The given sentence is grammatically correct. Hence (5) is the correct option.

Directions(31-40): Which of the following phrases (I), (II), and (III) given below each sentence should replace the phrase printed in bold letters to make the sentence grammatically correct? Choose the best option among the five given alternatives that reflect the correct use of phrase in the context of the grammatically correct sentence. If the sentence is correct as it is, mark (e) i.e., “No correction required” as the answer.

31) Social anxieties over braid chopping and ‘love jihad’ directly feed up conservative agendas that also deny women functional autonomy and upset ambitious government schemes like Beti Bachao Beti Padhao.

(I) directly feed into conservative agendas that

(II) directly feed over conservative agendas that

(III) directly feed under conservative agendas that

1.Only (I) is correct

2.Only (II) is correct

3.Both (I) and (III) are correct

4.All are correct

5.No correction required

Answer – 1)

Explanation – “directly feed into conservative agendas that” is the correct phrase to make the sentence correct. Also, the phrasal verb “feed into” means ‘to put something into something; to push a supply of something into something’. Hence (3) is the correct option.

32) Across India the social psyche is fraying for the edges where superstition, hate-spewing ideologies, and fear of the “other” are producing massive disruptions, sometimes tapping social media’s viral potential.

- (I) the social psyche is fraying of the edges
- (II) the social psyche is fraying in the edges
- (III) the social psyche is fraying at the edges

- 1. Only (I) is correct
- 2. Only (II) is correct
- 3. Only (III) is correct
- 4. Both (I) and (II) are correct
- 5. No correction required

Answer – 3)

Explanation: “the social psyche is fraying at the edges” is the correct phrase to make the sentence correct. Also, the phrasal verb “fraying at the edges” means ‘it has an uncertain or unsteady quality’. Hence (3) is the correct option.

33) A solution has to be finding to reduce the frequency of elections which relieves the people and the government machinery, tired of frequent electoral processes.

- (I) A solution has been found to reduce
- (II) A solution have to be found to reduce
- (III) A solution has to be found to reduce

- 1. Only (I) is correct
- 2. Only (II) is correct
- 3. Only (III) is correct
- 4. Both (II) and (III) are correct
- 5. No correction required

Answer – 3)

Explanation – “A solution has to be found to reduce” is the correct phrase to make the sentence correct. Also, the phrasal verb “to be found” means ‘person or thing discovered’. Hence (3) is the correct option.

34) There will, of course, be other constitutional issues and administrative problems, which need to be sorted out, in consultation with the stakeholders – political parties and all others.

- (I) to be sorted in, in consultation with
- (II) to be sorted of, in consultation with
- (III) to be sorted over, in consultation with

- 1. Only (I) is correct
- 2. Only (II) is correct
- 3. Only (III) is correct
- 4. Both (I) and (III) are correct
- 5. No correction required

Answer – 5)

Explanation – The given sentence is grammatically correct. It is to be noted that the sentence is not conditional and thus all the given options are incorrect. Hence (5) is the correct option.

35) The platform should allow exporters to file all information/documents online doing beside with the need to deal with customs, DGFT, shipping companies, sea and air ports, and banks separately.

- (I) doing abide with the need to deal with customs
- (II) doing off with the need to deal with customs
- (III) doing away with the need to deal with customs

- 1. Only (I) is correct
- 2. Only (II) is correct
- 3. Only (III) is correct
- 4. Both (I) and (III) are correct
- 5. No correction required

Answer – 3)

Explanation – “doing away with the need to deal with customs” is the correct phrase to make the sentence correct. Also, the phrasal verb “doing away” means ‘something means to remove it completely or put an end to it’. Hence (3) is the correct option.

36) Meeting the target would strengthen brand India, create 25 million jobs in manufacturing and 50 million in services, and bring India upon a par with the top manufacturing and exporting nations.

- (I) bring India on a par with the top
- (II) bring India at the par with the top
- (III) bring India in a par with the top

- 1. Only (I) is correct

- 2.Both (I) and (II) are correct
- 3.Both (II) and (III) are correct
- 4.All are correct
- 5.No correction required

Answer – 1)

Explanation -“ bring India on a par with the top” is the correct phrases to make the sentence grammatically correct. Also, the phrasal verb “on a par with” means ‘ equal in importance or quality to.’Hence (1) is the correct option.

37) A plain refusal to talk to the separatists is politically untenable when the other side seems inclined to push back on the declaration of independence.

- (I) the other side seems inclined up push back
- (II) the other side seems inclined for push back
- (III) the other side seems inclined of push back

- 1.Only (I) is correct
- 2.Only (II) is correct
- 3.Only (III) is correct
- 4.Both (II) and (III) are correct
- 5.No correction required

Answer – 5)

Explanation – The given sentence is grammatically correct. It is to be noted that the sentence is not conditional and thus all the given options are incorrect. Hence (5) is the correct option.

38) Rationalists and liberals looked at education which promoted scientific temper and rational thinking as the antidote to what they conceived as a result of cultural and social backwardness.

- (I) Rationalists and liberals looked on
- (II) Rationalists and liberals looked in
- (III) Rationalists and liberals looked upon

- 1.Only (I) is correct
- 2.Only (II) is correct
- 3.Only (III) is correct
- 4.Both (I) and (III) are correct
- 5.No correction required

Answer – 4)

Explanation – “Rationalists and liberals looked on/upon” is the correct phrase to make the sentence correct. Also, the phrasal verb “look on/upon someone/something” means ‘to consider or think of someone or something in a stated way’. Hence (4) is the correct option.

39) If we focus just on male figures, we will have to origin within the first historic figures such as the Buddha and Mahavira.

(I) we will have to initiate with

(II) we will have to begin with

(III) we will have to start with

1. Only (I) is correct

2. Only (II) is correct

3. Only (III) is correct

4. Both (II) and (III) are correct

5. No correction required

Answer – 4)

Explanation – “we will have to begin/start with” is the correct phrase to make the sentence correct. Also, the phrasal verb “to begin /start with” means ‘as a beginning, or as the first thing’. Hence (4) is the correct option.

40) Sociologist Max Weber had coined within terms ‘Routinisation of Charisma’ to describe how the charisma of spiritual gurus is routinised into an ongoing authority structure.

(I) Sociologist Max Weber had coined a term

(II) Sociologist Max Weber had coined with term

(III) Sociologist Max Weber had coined the term

1. Only (I) is correct

2. Only (II) is correct

3. Only (III) is correct

4. Both (I) and (III) are correct

5. No correction required

Answer – 4)

Explanation – “Sociologist Max Weber had coined the term” is the correct phrase to make the sentence correct. Also, the phrasal verb “coined a/the” means ‘something you say before using an expression that has been very popular or used too much’. Hence (4) is the correct option.