1. **A girl introduced a boy as the son of' the daughter of the father of her uncle. The boy is a girl's**

A. Brother

B. Son

C. Uncle

D. Son-in-law

Answer: A

2. **Statements**

I. The Meteorological Department has issued a statement mentioning deficient rainfall during monsoon in many parts of the country.

II. The Government has lowered the revised estimated GDP growth from the level of earlier estimates.

A. Statement I is the cause and statement II is its effect.

B. Statement II is the cause and statement I is its effect.

C. Both the statements I and II are independent causes.

D. Both the statements I and II are the effects of independent causes.

Answer: D

3. **Eighty : Gieyth : : Output:?**

A. Utoptu

B. Uotupt

C. Tuoutp

D. Tuotup

Answer: D

4. **What Should Come In The Place Of Question Mark In The Following Series? 1, 4, 9, 25, 36, ?**

A. 48

B. 52

C. 49

D. 56

Answer: B

5. **If 'cat' And 'boat' Are Written As Xzg And 'ylzg' Respectively In A Code Language How Is 'egg' To Be Written In The Same Language?**

A. Vss

B. Urr

C. Vtt

D. Utf

Answer: C

6. **What was the day on 15th August 1947?**

A. Friday

B. Saturday

C. Sunday

D. Thursday

Answer: A

Explanation: 15 Aug, 1947 = (1946 years + Period from 1.1.1947 to 15.8.1947)

Odd days in 1600 years = 0 and Odd days in 300 years = 1

46 years = (35 ordinary years + 11 leap years) = (35 x 1 + 11 x 2)= 57 (8 weeks + 1 day) = 1 odd day

Jan. Feb. Mar. Apr. May. Jun. Jul. Aug (31 + 28 + 31 + 30 + 31 + 30 + 31 + 15) = 227 days = (32 weeks + 3 days) = 3 odd days. Total number of odd days = (0 + 1 + 1 + 3) = 5 odd days.

Hence, as the number of odd days = 5, given day is Friday.

7. **A man spends 35% of his income on food, 25% on children's education and 80% of the remaining on house rent. What percent of his income he is left with?**

A. 6%

B. 8%

C. 10%

D. 12%

Answer: B

Explanation:

Let the total income be x. Then, income left = (100 -80)% of [100 - (35 + 25)] % of x = 20% of 40% of x = 20/100 * 40/100 * 100) % of x = 8 % of x.

8. Which among the following is the last but one step for the following input? - 256 159 386 125 81 64 121

A. 121 256 159 386 125 81 64

B. 81 256 159 386 125 64 81

C. 125 256 159 386 81 64 121

D. 64 256 159 386 125 81 121

Answer: D

Explanation:

Input: 256 159 386 125 81 64 121

Step I: 159 256 386 125 81 64 121

Step II: 386 256 159 125 81 64 121

Step III: 125 256 159 386 81 64 121

Step IV: 81 256 159 386 125 64 121

Step V: 64 256 159 386 125 81 121

Step VI: 121 256 159 386 125 81 64

Hence, the last but one step is Step V.

9. In a certain code language, if the number 1 is assigned to all the letters in odd numbered places in the alphabet and the remaining letters are assigned the number 2, than what is the code for the word 'DANCE'?

A. 21211

B. 12121

C. 22111

D. 21121

Answer: A

10. **In these series, you will be looking at both the letter pattern and the number pattern. Fill the blank in the middle of the series or end of the series.**

SCD, TEF, UGH, _____, WKL

A. CMN

B. UJI

C. IJT

D. VIJ

Answer: D

Explanation:

There are two alphabetical series here.

The first series is with the first letters only: STUVW.

The second series involves the remaining letters: CD, EF, GH, IJ, KL.

11. **RQP, ONM, LKJ, _____, FED**

A. IHG

B. CAB

C. JKL

D. GHI

Answer: A

12. **In a certain code language, 'kew xas huma deko' means 'she is eating apples'; 'kew tepo qua' means 'she sells toys' and 'sul lim deko' means 'I like apples'. Which word in that language means 'she' and 'apples'?**

A. xas & deko

B. xas & kew
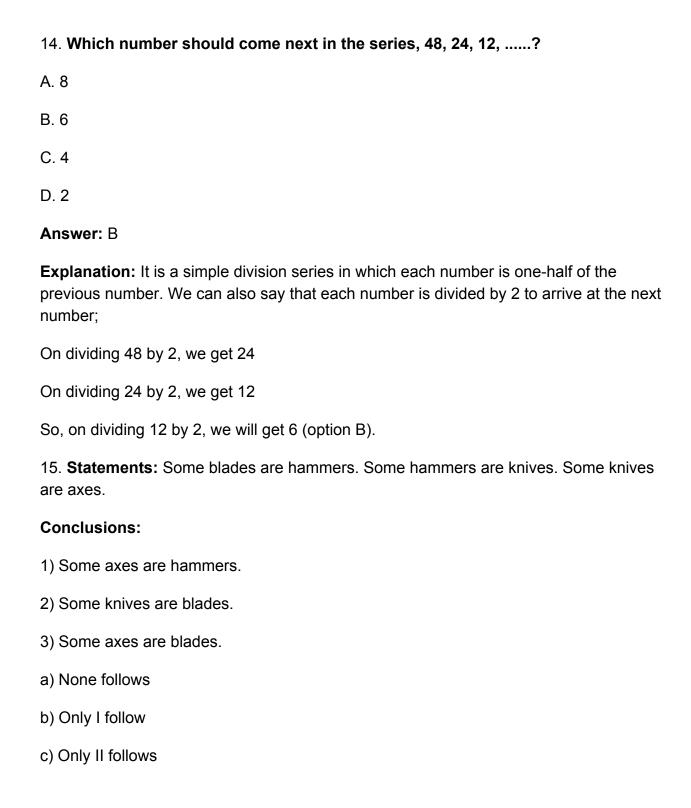
C. kew & deko

D. kew & xas

Answer: C

Explanation: In the first and second statements, the common code word is 'kew' and the common word is 'she'. So, 'kew' stands for 'she'. In the first and third statements, the common code word is 'deko' and the common word is 'apples'. So, 'deko'stands for 'apples'

13. **If in a certain language, NOIDA is coded as OPJEB, how is DELHI coded in that language?**

A. CDKGH

B. IHLED

C. EFMIJ

D. FGNJK

Answer: C

Explanation: Each letter in the word NOIDA is moved one step forward to form the code OPJEB. So, in DELHI, D will be coded as E, E as F, L as M, H as I, I as J. Thus, the code becomes EFMIJ.

14. **Which number should come next in the series, 48, 24, 12, ...?**

A. 8

B. 6

C. 4

D. 2

Answer: B

Explanation: It is a simple division series in which each number is one-half of the previous number. We can also say that each number is divided by 2 to arrive at the next number;

On dividing 48 by 2, we get 24

On dividing 24 by 2, we get 12

So, on dividing 12 by 2, we will get 6 (option B).

15. **Statements:** Some blades are hammers. Some hammers are knives. Some knives are axes.

Conclusions:

1) Some axes are hammers.

2) Some knives are blades.

3) Some axes are blades.

a) None follows

b) Only I follow

c) Only II follows

d) Only III follows

e) None of these

Answer: A

Explanation: Since each combination of premises has two particular premises, so no definite conclusion follows.

16. **Arrange the following words in a meaningful sequence.**

1. Infection

2. Consultation

3. Doctor

4. Treatment

5. Recovery

A. 1, 3, 4, 5, 2

B. 1, 3, 2, 4, 5

C. 1, 2, 3, 4, 5

D. 2, 3, 5, 1, 4

Answer: B

Explanation: Infection occurs first, then one visits a doctor, and after consultation, the doctor starts the treatment which is followed by recovery.

17. **In an Exhibition seven cars of different companies - Cadillac, Ambassador, Fiat, Maruti, Mercedes, Bedford, and Fargo are standing facing to the east in the following order:**

1. Cadillac is next to the right of Fargo.

2. Fargo is fourth to the right of Fiat.

3. Maruti car is between Ambassador and Bedford.

4. Fiat which is third to the left of Ambassador, is at one end.

Which of the cars are on both the sides of Cadillac car?

A. Ambassador and Maruti

B. Maruti and Fiat

C. Fargo and Mercedes

D. Ambassador and Fargo

Answer: C

18. Pointing to a photograph, a man said, "I have no brother, and that man's father is my father's son." Whose photograph was it?

A. His father

B. His own

C. His son

D. His nephew

Answer: C

Explanation: The narrator has no brother, so he is the only son of his father, and his father's son is he himself. Hence, the narrator is the father of the man in the photograph, so the man in the photograph is his son.

19. **The film director wants an actress for the lead role of Lucy who perfectly fits the description that appears in the original screenplay. He is not willing to**

consider actresses who do not resemble the character as she is described in the screenplay, no matter how talented they are. The screenplay describes Lucy as an average-sized, forty-something redhead, with deep brown eyes, very fair skin, and a brilliant smile. The casting agent has four actresses in mind.

Actress #1 is a stunning red-haired beauty who is 5'9" and in her mid-twenties. Her eyes are brown and she has an olive complexion.

Actress #2 has red hair, big brown eyes, and a fair complexion. She is in her mid-forties and is 5'5".

Actress #3 is 5'4" and of medium build. She has red hair, brown eyes, and is in her early forties.

Actress #4 is a blue-eyed redhead in her early thirties. She's of very slight build and stands at 5'.
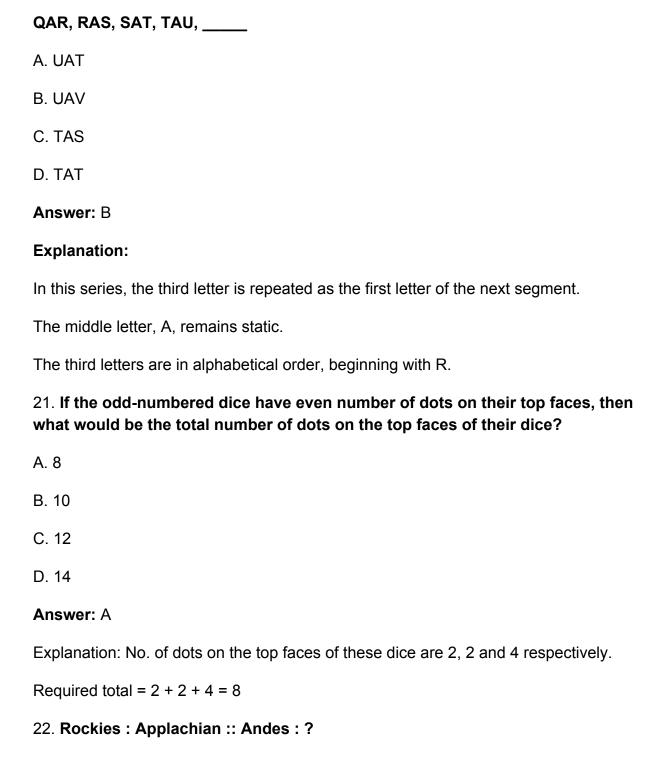
A. 1, 2

B. 1, 4

C. 2, 3

D. 2, 4

Answer: B

Explanation:

Actresses #2 and #3 possess most of the required traits. They both have red hair and brown eyes, are average-sized, and are in their forties. Actress #1 is very tall and is only in her mid-twenties. She also has an olive complexion. Actress #4 is of very slight build and is in her early thirties. She also has blue eyes.

20. **In these series, you will be looking at both the letter pattern and the number pattern. Fill the blank in the middle of the series or end of the series based on your logical reasoning.**

QAR, RAS, SAT, TAU, _____

A. UAT

B. UAV

C. TAS

D. TAT

Answer: B

Explanation:

In this series, the third letter is repeated as the first letter of the next segment.

The middle letter, A, remains static.

The third letters are in alphabetical order, beginning with R.

21. **If the odd-numbered dice have even number of dots on their top faces, then what would be the total number of dots on the top faces of their dice?**

A. 8

B. 10

C. 12

D. 14

Answer: A

Explanation: No. of dots on the top faces of these dice are 2, 2 and 4 respectively.

Required total = 2 + 2 + 4 = 8

22. **Rockies : Applachian :: Andes : ?**

A. Slopes

B. Peaks

C. Ranges

D. Hills

Answer: C

23. There are six persons A, B, C, D , E and F. C is the sister of F. B is the brother of E's husband. D is the father of A and grandfather of F. There are two fathers, three brothers and a mother in the group. Who is the mother ? Incorrect!

A. E

B. D

C. B

D. A

Answer: A

Explanation:

D is father of A and grandfather of F.

So, A is father of F. Thus, D and A are the two fathers.

C is the sister of F. So, C is the daughter of A.

Since there is only one mother, it is evident that E is the wife of A and hence the mother of C and C and F.

So, B is brother of A. There are three brothers. So, F is the brother of C.

Hence, E is the mother.

24. **I. 22 13 5**

II. S 2 25

If 'S' is the resultant of the first row, what will be the difference between the resultants of the second and first row ?

A. 23

B. 28

C. 22

D. 29

Answer: A

Explanation:

22 + 13 = 35 [Rule ii] 35 / 5 = 7 [Rule iv] R = 7

7 – 2 = 5 [Rule v] 5 + 25 = 30 [Rule i] Difference between second and first row resultants = 30 – 7=23

25. **A, CD, GHI, ?, UVWXY**

A. LMNO

B. MNO

C. MNOP

D. NOPQ

Answer: C.

Explanation: The letters in each term are in alphabetical order. The number of letters in each term increases by 1. The gap between the last letter and the first letter of the next item increases by 1.

26. Without stoppage, the speed of a train is 48kmph and with the stoppage, it is 40 kmph. For how many minutes, does the train stop per hour?
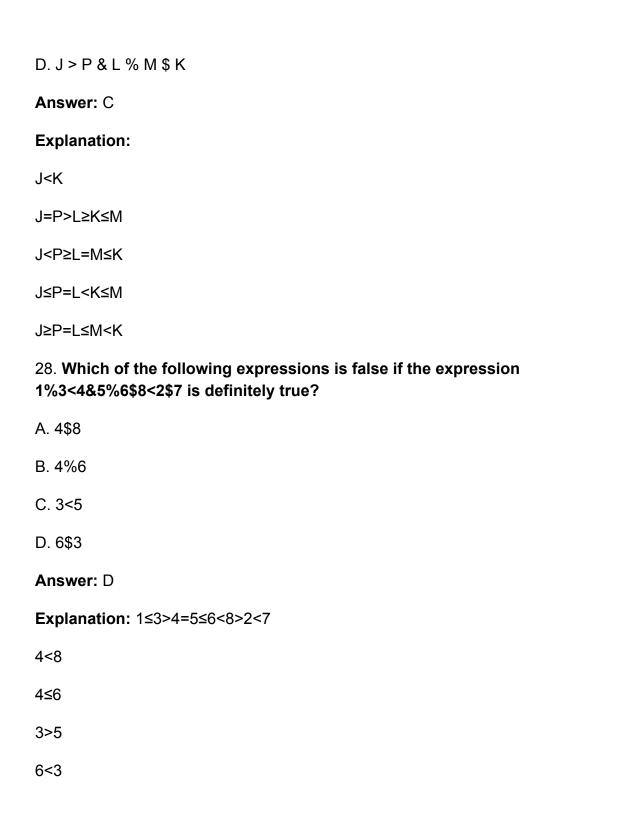
A. $

B. @

C. &

D. !

Answer: B

(27-28) In the following questions, the symbols %, #, @, & and $ are used with the following meaning as illustrated below:

'P % Q' means 'P is not greater than Q'.

'P $ Q' means 'P is neither greater than nor equal to Q'.

'P & Q' means 'P is neither greater than nor smaller than Q'

'P < Q' means 'P is neither smaller than nor equal to Q'

'P > Q' means 'P is not smaller than Q'

27. **Which of the following expressions does the expression 'J $ K' to be definitely hold true?**

A. J & P < L > K % M

B. J $ P > L & M % K

C. J % P & L $ K % M

D. J > P & L % M $ K

Answer: C

Explanation:

J<K

J=P>L≥K≤M

J<P≥L=M≤K

J≤P=L<K≤M

J≥P=L≤M<K

28. **Which of the following expressions is false if the expression 1%3<4&5%6$8<2$7 is definitely true?**

A. 4$8

B. 4%6

C. 3<5

D. 6$3

Answer: D

Explanation: 1≤3>4=5≤6<8>2<7

4<8

4≤6

3>5

6<3

29. **The average age of 12 students is 20 years if the age of one more student is included, the average decreases by 1. What is the age of the new student?**

A. 5 years

B. 9 years

C. 7 years

D. 11 years

Answer: C

Explanation:

New average = (20 - 1) = 19.

Age of new student = (13 χ 19 - 12 χ 20) years = 7 years

30. **The window is to pane as a book is to:**

A. novel

B. glass

C. cover

D. page

Answer: D

Explanation:

A window is made up of panes, and a book is made up of pages. The answer is not (choice A) because a novel is a type of book. The answer is not (choice B) because glass has no relationship to a book.
https://www.freshersnow.com/placement-papers-download/ (Choice C) is incorrect

because a cover is only one part of a book; a book is not made up of covers. So choice 'D' is the only answer

(31-32) Study the following information carefully and answer the questions given below: - With a certain code language –

'the Samsung note runs' is coded as '5V20 9T19 6V14 6H18'

'what even he' is coded as '6G23 6M5 4V8'

'Another important feature' is coded as '9I1 11G9 9V6'

' Today multiple apps running' is coded as '7B20 10V13 6H1 9T18'

31. **Which of the following will be coded as '12H3 6B19 7O8' in the given language?**

A. garden are green

B. Cricketers stay hotel.

C. Cricketers in garden

D. clean garden must

Answer: B

32. How will 'trees gives fruit be coded in the given language?

A. 7H20 7H7 7G6

B. 7H20 6H7 6H7

C. 7H20 7G7 6G7

D. Can't be determined

E. None of these

Answer: A

33. **Statements:**

No A is C.

All B is C.

No B is D.

Conclusions:

I. Some C is definitely not D.

II. All B is not A.

A. Neither I nor II follow.

B. I and II follow.

C. Only I follow.

D. Either I or II follow.

E. Only II follow.

Answer: B

34. **A father is twice as old as his son. 20 years ago, the age of the father was 12 times the age of the son. The present age of the father (in years) is**

A. 32 years

B. 22 years

C. 44 years

D. 45 years

Answer: C

Explanation: Let sons age = X. Then, fathers age = 2x.

12(x—20) = (2x - 20) so x = 22

Fathers present age = 44 years.

35. **The average temperature on Tuesday, Wednesday and Thursday was 37 C. The average temperature on Wednesday, Thursday and Friday was 38 C. If the temperature on Friday was 39 C, find the temperature on Tuesday.**

A. 35 C

B. 36 C

C. 39 C

D. 42 C

Answer: B

Explanation:

Tuesday+Wednesday+Thursday=37×3

Friday+Wednesday+Thursday=38×3

∴Friday−Tuesday=3(38−37)

⇒39−Tuesday=3

⇒Tuesday=36

∴TemperatureonTuesday=36 C

36. **For similar carsand comparable drivers, automobile insurance for collision damage has always costmore in Great port than in Fairmont. Police studies, however, show thatcars owned by Greatport residents are, on average, slightly**

less likely to be involved in a collision than cars in Fairmont. Clearly, therefore, insurance companies are making a greater profit on collision-damage insurance in Greatportthan in Fairmont.

In evaluating the argument, it would be most useful to compare

A. the level of traffic congestion in Greatport with the level oftraffic congestion in Fairmont

B. the cost of repairing collision damage in Great port with the cost of repairing collision damage in Fairmont

C. the rates Greatport residents pay for other forms ofinsurance with the rates paid for similar insurance by residents of Fairmont

D. the condition of Greatport's roads and streets with the condition of Fairmont's roads and streets

Answer: B

Explanation: This is clearly a factor that would affect the profitability of insurance in the two towns-and is therefore highly relevantto evaluatingthe argument, especially its conclusion.

37. Find the correctly spelt words.

A. Humorous

B. Ganerous

C. Pupolous

D. Maretorious

Answer: Humorous

38. In a certain code, the word DEAL is coded as 4 – 5 – 1 – 12. Following the same rule of coding, what should e the code for the word LADY?

A. 12 – 4 – 1 – 25

B. 12 – 1 – 4 – 25

C. 10 – 1 – 4 – 23

D. 12 – 1 – 4 – 22

Answer: B

Explanation: Clearly, each letter is coded by the numeral denoting its position in the English alphabet,

Thus, A is coded as 1, B as 2, C as 3, D as 4,…………, I, as 12, M as 13……., Y as 25, Z as 26. So, the code for LADY is 12 – 1 – 4 – 25.

39. Which is the greatest number which will divide 1600 and 1420 exactly?

A. 10

B. 20

C. 15

D. 25

Answer: C

The greatest number = HCF of 1600 and 1420 = 20

40. A is 3 years older to B and 3 years younger to C, while B and D are twins. How many years older are C and D?

A. 3

B. 9

C. 6

D. 12

Answer: C

Explanation:

Since B and D are twins. So B = D.

Now A = B + 3 and A = C – 3.

Thus, B + 3 = C – 3 ‹=› D + 3 = C – 3 ‹=› C – D = 6.

41. **What is the minimum number of wires needed to send data over its serial communication link layer?**

A. 1

B. 2

C. 3

D. 4

Answer: B

42. **The sum of the ages of A, B and C is 96 years. To find out B's age, which of the following information given in the statements P and Q is/are sufficient**

P: A is 6 years older than C

Q: The total of B and C's ages is 56 years.

A. P

B. both P and Q

C. Q

D. None of these

Answer: B

Explanation: A + B + C = 96. Let C = X. Then, A = X + 6.

X + 6 + B + X = 96 so B + 2X = 90

Now B + C = 56 so B+ X = 56

X=(90 - 56) = 34.

B+2x = 90 => B = (90 - 68) = 22.

Thus both P and Q are needed.

43. **Which letter is seventh from left of 16th from right in English alphabet?**

A. R

B. W

C. D

D. E

Answer: C

44. **16 24 36 54 81 121.5 ?**

A. 182.25

B. 174.85

C. 190.65

D. 166.55

Answer: A

45. **A told B that C is his father's nephew. D is A's cousin but not the brother of C. What relationship is there between D and C ? Incorrect!**

A. Father

B. Sisters

C. Aunt

D. Mother

Answer: B

Explanation:

A has two cousins C and D.

Since C is male, D must be female.

And, both are the nephew and niece of A's father.