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1. Raja buys some apples at the rate of four for a rupee and same numbers of oranges at three for a rupee. To make a profit of 25%, Raja should sell 6 apples for.

A. 5.75

B. 6.75

C. 3.75

D. 4.75

Answer – D. 4.75

Explanation:

let Raja buys 'x' apples at rate four for a rupee and 'x' apples at three for a rupee.

So, cost price = $x/4 + x/3$

Question is asking about 6 apples

Then, CP = $6/4 + 6/3 = 3.5$

Now SP = $(125/100) * 3.5 = 4.75$

Therefore, Raja should sell 6 apples for 4.75

2. Prasanth bought an article at a 25 percent discount on the labeled price. He again sells the article at 20 percent on labeled price. Find the percent profit earned by Prasanth in the whole transaction

A. 50%

B. 60%

C. 30%

D. 40%

Answer – B. 60%

Explanation:

Let the labeled price is 100. Prasanth bought it for 75 after getting a 25% discount.

Now he sells the article at $(120/100) * 100 = 120$. So % profit he earns = $(45/75) * 100 = 60$

3. A train running at 45 km/hr takes 36 sec to pass a platform. Next, the train takes 12 sec to pass a man walking at the speed of 15 km/hr in the same direction. Find the length of the platform.

A. 250 m

B. 300 m

C. 350 m

D. 400m

Answer – C. 350m

Explanation:

Let us assume 'T' and 'P' are the length of train and platform respectively

$$T = 12 \times 30 \times 5 / 18 = 100 \text{ meter}$$

$$P + 100 = 45 \times 5 / 18 \times 36$$

$$P = 350$$

4. The sum of the present ages of a Suresh and his son is 60 years. Five years ago, Suresh's age was four times the age of his son. What will be the age of Suresh's son?

A. 17

B. 18

C. 19

D. 15

Answer – D. 15

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Explanation:

Let, Present age of son be x

And then, Suresh age is $(60 - x)$ years respectively.

$$(60 - x) - 5 = 4(x - 5)$$

$$55 - x = 4x - 20$$

$$5x = 75$$

$$x = 15$$

5. A can finish a work in 27 days, B in 9 days and C in 12 days. B & C start the work

but are forced to leave after 4 days. The remaining work was done by A in:

A. 6 days

B. 9 days

C. 10 days

D. 12 days

Answer - A. 6 days

Explanation:

$$(B+C)\text{it's one day's work} = \frac{1}{9} + \frac{1}{12} = \frac{7}{36}$$

$$B \& C \text{ in 4 days} = 4 * \frac{7}{36} = \frac{7}{9}$$

$$\text{Remaining work} = 1 - (\frac{7}{9}) = \frac{2}{9}$$

$\frac{1}{27}$ work is done by A in 1 day.

$$\frac{2}{9} \text{ work is done by A in } 27 * \frac{2}{9} = 6 \text{ days}$$

6. A sum of money invested at CI to Rs.800 in 3 years and to Rs.840 in 4 years. Find

the rate of interest in PA?

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A. 2%

B. 4%

C. 5%

D. 6%

Answer - C. 5%

Explanation:

CI for 3 yr = 800

CI for 4 yr = 840

CI for 1 yr = 40

$$R = (100 \times 40) / (800 \times 1) = 10/2 = 5\%$$

7. Two vessels contain milk and water in the ratio of 7:3 and 2:3 respectively. Find the ratio in which the contents of both the vessels must be mixed to get a new mixture containing milk and water in the ratio 3:2.

A. 2:1

B. 2:3

C. 3:1

D. 3:5

Answer – A. 2:1

Explanation:

Let the ratio be k:1

then in the first mixture, milk = $7k/10$ and water = $3k/10$

and in the second mixture, milk = $2/5$ and water = $3/5$

$$(7k/10 + 2/5) / (3k/10 + 3/5) = 3/2$$

$K = 2$, so the ratio will be 2:1

8. A container filled with a liquid containing 4 parts of water and 6 parts of milk. How much of mixture must be drawn off and filled with water so that the mixture contains half milk and half water?

A. $\frac{1}{3}$

B. $\frac{1}{4}$

C. $\frac{1}{5}$

D. $\frac{1}{6}$

Answer – D. $\frac{1}{6}$

Explanation:

Let water = 40 liters and milk are 60 liters.

Water = $40 - x \cdot \left(\frac{2}{5}\right) + x$ and milk = $60 - x \cdot \left(\frac{3}{5}\right)$ (x is the amount of mixture taken out)

Equate both the equation, we get $x = \frac{50}{3}$.

Now, mixture drawn off = $\left(\frac{50}{3}\right)/100 = \frac{1}{6}$

9. Two cans M and N contains milk and water in the ratio of 3:2 and 7:3 respectively.

The ratio in which these two cans be mixed so as to get a new mixture containing milk and water in the ratio 7:4.

A. 4:7

B. 7:3

C. 7:4

D. 7:5

Answer – C. 7:4

Explanation:

Milk in 1st can = $\frac{3}{5}$ and water = $\frac{2}{5}$. Similarly in second can milk = $\frac{7}{10}$ and water = $\frac{3}{10}$.

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Take the ratio = k: 1

$$(3k/5 + 7/10)/(2k/5 + 3/10) = 7/4$$

Solve for k, we get $k = 7/4$. So the ratio is 7: 4

10. In a hostel, there are 30 students and if the number of students increased by 5 then the expense is increased by 40 per day. But the average expenditure diminishes by 3. Find the original expenditure.

A. 810

B. 870

C. 910

D. 950

Answer – B. 870

Explanation:

Let the average expenditure be P.

$$(30 \cdot P + 40)/35 = P - 3$$

$$P = 29. \text{ So expenditure} = 29 \cdot 30 = 870$$

11. The average of 10 reading is 25.5. In this, the average of the first three is 20 and the next four is 26. If the eight reading is 5 less than the ninth one and also 8 less than the tenth one, then find the eighth reading?

A. 28

B. 26

C. 24

D. 22

Answer – B. 26

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Explanation:

the sum of all ten reading = 255

the sum of the first three = 60 and the sum of next 4 = 104.

Sum of 8th, 9th and 10th reading = $91 = 3x + 13$

$x = 26$.

1. If a boat is moving in upstream with velocity of 14 km/hr and goes downstream with a velocity of 40

km/hr, then what is the speed of the stream ?

(a) 13 km/hr

(b) 26 km/hr

(c) 34 km/hr

(d) none of these

Ans: A

2. Find the value of $(0.75 * 0.75 * 0.75 - 0.001) / (0.75 * 0.75 - 0.075 + 0.01)$

(a) 0.845

(b) 1.908

(c) 2.312

(d) 0.001

Ans: A

3. A can have a piece of work done in 8 days, B can work three times faster than the A, C can work five

times faster than A. How many days will they take to do the work together ?

(a) 3 days

(b) 8/9 days

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(c) 4 days

(d) can,t say

Ans: B

4. A car travels a certain distance taking 7 hrs in forward journey, during the return journey increased

speed 12km/hr takes the times 5 hrs.What is the distance travelled

(a) 210 kms

(b) 30 kms

(c) 20 kms

(c) none of these

Ans: B

5. Instead of multiplying a number by 7, the number is divided by 7. What is the percentage of error obtained ?

6. Find $(7x + 4y) / (x - 2y)$ if $x/2y = 3/2$?

(a) 6

(b) 8

(c) 7

(d) data insufficient

Ans: C

7. A man buys 12 lts of liquid which contains 20% of the liquid and the rest is water. He then mixes it

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with 10 lts of another mixture with 30% of liquid. What is the % of water in the new mixture?

8. If a man buys 1 lt of milk for Rs.12 and mixes it with 20% water and sells it for Rs.15, then what is the percentage of gain?

9. Pipe A can fill a tank in 30 mins and Pipe B can fill it in 28 mins. If $\frac{3}{4}$ th of the tank is filled by Pipe B alone and both are opened, how much time is required by both the pipes to fill the tank completely?

10. If on an item a company gives 25% discount, they earn 25% profit. If they now give 10% discount then what is the profit percentage.

(a) 40%

(b) 55%

(c) 35%

(d) 30%

Ans: D

11. A certain number of men can finish a piece of work in 10 days. If however there were 10 men less it

will take 10 days more for the work to be finished. How many men were there originally?

(a) 110 men

(b) 130 men

(c) 100 men

(d) none of these

Ans: A

12. In simple interest what sum amounts of Rs.1120/- in 4 years and Rs.1200/- in 5 years?

(a) Rs. 500

(b) Rs. 600

(c) Rs. 800

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(d) Rs. 900

Ans: C

13. If a sum of money compound annually amounts of thrice itself in 3 years. In how many years will it become 9 times itself.

(a) 6

(b) 8

(c) 10

(d) 12

Ans A

14. Two trains move in the same direction at 50 kmph and 32 kmph respectively. A man in the slower

train

observes the 15 seconds elapse before the faster train completely passes by him.

What is the length of faster train ?

(a) 100m

(b) 75m

(c) 120m

(d) 50m

Ans B

15. How many mashes are there in 1 square meter of wire gauge if each mesh

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is 8mm long and 5mm wide ?

- (a) 2500
- (b) 25000
- (c) 250
- (d) 250000

Ans B

16. $x\%$ of y is $y\%$ of ?

- (a) x/y
- (b) $2y$
- (c) x
- (d) can't be determined

Ans: C

17. The price of sugar increases by 20%, by what % should a housewife reduce the consumption of sugar so that expenditure on sugar can be same as before ?

- (a) 15%
- (b) 16.66%
- (c) 12%
- (d) 9%

Ans B

18. A man spends half of his salary on household expenses, $\frac{1}{4}$ th for rent, $\frac{1}{5}$ th for travel expenses, the

man deposits the rest in a bank. If his monthly deposits in the bank amount 50, what is his monthly salary ?

- (a) Rs.500
- (b) Rs.1500

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(c) Rs.1000

(d) Rs. 900

Ans C

20. The population of a city increases @ 4% p.a. There is an additional annual increase of 4% of the population due to the influx of job seekers, find the % increase in population after 2 years ?

21. The ratio of the number of boys and girls in a school is 3:2 Out of these 10% the boys and 25% of girls are scholarship holders. % of students who are not scholarship holders.?

22. 15 men take 21 days of 8 hrs. each to do a piece of work. How many days of 6 hrs. each would it take for 21 women if 3 women do as much work as 2 men?

(a) 30

(b) 20

(c) 19

(d) 29

Ans: A

23. A cylinder is 6 cms in diameter and 6 cms in height. If spheres of the same size are made from the

material obtained, what is the diameter of each sphere?

(a) 5 cms

(b) 2 cms

(c) 3 cms

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(d) 4 cms

Ans C

24. A rectangular plank $(2\frac{1}{2})$ meters wide can be placed so that it is on either side of the diagonal of a

square shown below. (Figure is not available) What is the area of the plank?

Ans : $7 \times (2\frac{1}{2})$

25. The difference b/w the compound interest payable half yearly and the simple interest on a certain sum lent out at 10% p.a for 1 year is Rs 25. What is the sum?

(a) Rs. 15000

(b) Rs. 12000

(c) Rs. 10000

(d) none of these

Ans C

26. What is the smallest number by which 2880 must be divided in order to make it into a perfect square ?

(a) 3

(b) 4

(c) 5

(d) 6

Ans: C

27. A father is 30 years older than his son however he will be only thrice as old as the son after 5 years

what is father's present age ?

(a) 40 yrs

(b) 30 yrs

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(c) 50 yrs

(d) none of these

Ans: A

28. An article sold at a profit of 20% if both the cost price and selling price would be Rs.20/- the profit

would be 10% more. What is the cost price of that article?

29. If an item costs Rs.3 in ,99 and Rs.203 in ,00.What is the % increase in price?

(a) $200\frac{1}{3}$ %

(b) $200\frac{2}{3}$ %

(c) 100%

(d) none of these

Ans: A

LOGICAL SECTION

Directions: For questions 30-39 fill the missing number or letter in the given series

30. a, c, e, g, _

(a) h

(b) i

(c) d

(d) j

Ans: B

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31. a, e, i, m, q, u, __, __

(a) y,c

(b) b,f

(c) g,i

(d) none

Ans: A

32. ay , bz , cw , dx ,__

(a) gu

(b) ev

(c) fv

(d) eu

Ans: D

33. 1, 2, 3, 5, 7, 11, __

(a) 15

(b) 9

(c) 13

(d) 12

Ans: C (series of prime numbers)

34. kp , lo , mn , __

(a) nm

(b) np

(c) op

(d) pq

Ans: A

35. R,M,__,F,D,__,

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(a) I, C

(b) A, Q

(c) L, N

(d) B, Q

Ans: A

36. ____, ayw, gec, mki, sqo

(a) awx

(b) usq

(c) prs

(d) lmn

Ans: B

37. 1, 3, 4, 8, 15, 27, __

(a) 60

(b) 59

(c) 43

(d) 50

Ans D

38. 0, 2, 3, 5, 8, 10, 15, 17, 24, 26, __

(a) 45

(b) 55

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(c) 35

(d) 48

Ans: C

39. 2, 5, 9, 19, 37, __

(a) 64

(b) 55

(c) 75

(d) 40

Ans C

Directions for questions 40 to 45: Select the alternative that logically follows from the two given statements.

40. All scientists are fools. All fools are literates.

(a) All literates are scientists

(b) All scientists are literates

(c) No scientists are literates

(d) Both (a) and (b) are correct

Ans: B

41. No apple is an orange. All bananas are oranges.

(a) All apples are oranges

(b) Some apples are oranges

(c) No apple is a banana

(d) None of the above

Ans: A

42. All pens are elephants. Some elephants are cats.

(a) Some pens are cats

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(b) No pens are cats

(c) All pens are cats

(d) None of the above

Ans: D

43. All shares are debentures. No debentures are deposits.

(a) All shares are deposits

(b) Some shares are deposits

(c) No shares are deposits

(d) None of the above

Ans: C

44. Many fathers are brothers. All brothers are priests.

(a) No father is a priest

(b) Many fathers are not priests

(c) Many fathers are priests

(d) Both (b) and (c)

Ans: B

45. Some green are blue. No blue are white.

(a) No green are white

(b) Some green are white

(c) No green are white

(d) None of the above

Ans: B

46. If the word "CODING" is represented as DPEJOH, then the word "CURFEW" can be represented?

(a) dvsgfx

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(b) dvshfx

(c) dgshfx

(d) dtsgfy

Ans: A

47. If in a certain code "RANGE" is coded as 12345 and "RANDOM" is coded as 123678, then the code

for the word "MANGO" would be

(a) 82357

(b) 84563

(c) 82346

(d) 82543

Ans: D

Directions for questions 48-50: The questions are based on the following data

In a class of 150 students 55 speak English; 85 speak Telugu and 30 speak neither English nor Telugu

48. How many speak both English and Telugu?

(a) 10

(b) 15

(c) 20

(d) 12

Ans: C

49. How many speak only Telugu?

(a) 55

(b) 45

(c) 65

(d) none of the above

Ans:C

50.How many speak at least one of the two languages?

(a) 120

(b) 100

(c) 250

(d) 50

Ans: A

Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to that group?

A. Molehills

B. Shivalik Hills

C. Satpura Hills

D. Aravalli Hills

Answer – A. Molehills

Explanation: Remaining hills are located in India

2. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to that group?

A. Groundnut

B. Cumin

C. Cinnamon

D. Pepper

Answer – A. Groundnut

Explanation: Remaining all are spices

3. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to that group?

A. Shesnaag lake

B. Wular lake

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C. Dal lake

D. Sambhar lake

Answer – D. Sambhar lake

Explanation: Remaining all the lakes are located in J& K

4. Sikkim: Gangtok:: Manipur: ?

A. Shillong

B. Imphal

C. Dispur

D. Mumbai

Answer - B. Imphal

Explanation: Second is the capital of first.

5. Annihilation: Fire:: Cataclysm?

A. Earthquake

B. Steam

C. Flood

D. Emergency

Answer – C. Flood

Explanation: First is the result of the second.

Set - II

1. Dog :Kennel :: Rabbit : ?

A. Forests

B. Burrow

C. Den

D. Cactus

Answer – B. Burrow

Explanation:

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The dog lives in Kennel

Rabbit lives in underground burrows

2. Carbon : Diamond :: Corundum : ?

A. Pearl

B. Pukhraj

C. Ruby

D. Garnet

Answer - C. Ruby

Explanation: Second is the form of first

3. Psychology: Mind::? : Birds

A. Onomatology

B. Ology

C. Ornithology

D. Neuropsychology

Answer – C. Ornithology

Explanation:

Psychology study of Mind

Ornithology study of Birds

4. Choose the odd one

A. 136

B. 141

C. 187

D. 238

Answer – B. 141

Explanation: Except 141 all are divisible by 17

5. Choose the odd one

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- A. 64
- B. 343
- C. 441
- D. 1331

Answer – C. 441

Explanation: Except 441 all are perfect cubes

Section A- English(35 qs)

1. The young boy was not wearing _____ cloths

- A. a
- B. any
- C. nothing

Ans-C

2. The following paragraph is made of sentences which are jumbled. Can you unjumble these paragraphs and sort the sentences in their proper order?

A. A pact to form a new government.

B. the NDP and the Liberals have said they plan to bring down the Harper Conservative government next Monday.

C. Should the current one collapse due to lack of confidence,

D. Canada' s opposition leaders have signed

1. ADCB

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2. DACB

3. DABC

4. ABCD

3. In the question below the sentences have been given in Direct/Indirect speech. From the given alternatives, choose the one which best expresses the given sentence in Indirect/Direct speech.

She said to her friend, "I know where is everyone"

- A. She told that she knew where was everyone.
- B. She told her friend that she knew where was everyone.
- C. She told her friend that she knew where is everyone.
- D. She told her friend that she knows where was everyon

Ans-B

4. Choose the one which can be substituted for the given word/sentence.

Medical study of skin and its diseases

- A. Dermatology
- B. Endocrinology
- C. Gynealogy
- D. Orthopaedics

Ans-A

Select the most closely related the capital word

5. FULSOME:

- A. Excessive

- B. Trivial
- C. Thorough
- D. Eager

Ans-A

6. GABBLE:

- A. To bring to together
- B. Add a proof
- C. Take rapidly
- D. Jump and skip about

Ans-C

7. Rearrange the following five sentences in proper sequence so as to form a meaningful paragraph, then answer the questions given below them.

1. But, we all helped in the first few days.
2. Chandrapur is considered as a rural area.
3. Manohar was transferred to his office recently.
4. Initially he was not getting adjusted to the city life.
5. Now, Manohar is very proud of his colleagues.
6. Before that he was working in Chandrapur branch of our office.

I. Which of the following should be the third sentence ?

- A. 5
- B. 6
- C. 1
- D. 2
- E. 3

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Ans-D

II. Which of the following should be the second sentence ?

- A. 2
- B. 3
- C. 4
- D. 5
- E. 6

Ans-E

8. In the question given below a part of the sentence is italicised and underlined. Below are given alternatives to the italicised part which may improve the sentence. Choose the correct alternative.

Will you kindly open the knot?

- A. untie
- B. break
- C. loose
- D. No improvement

Ans-A

Questions (9-10) complete the sentence with appropriate words

9. “ You can have _ the chicken dish ___ the fish dish for dinner tonight.”

- A. as, as
- B. whether, or
- C. either, or

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Ans-C

10. _ my aunt _ my uncle live in India.

- A. Either, nor
- B. Both, and
- C. Whether, or

Ans-B

11. In the question below a sentence broken into five or six parts. Join these parts to make a meaningful sentence. The correct order of parts is the answer.

- 1. left
- 2. the
- 3. house
- 4. he
- 5. suddenly

- A. 12435
- B. 21354
- C. 45123
- D. 52341

Ans-C

Questions (12-15), choose the word which is the exact OPPOSITE of the given words.

12. COMIC

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- A. Emotional
- B. Tragic
- C. Fearful
- D. Painful

Ans-B

13. HAPLESS

- A. Cheerful
- B. Consistent
- C. Fortunate
- D. Shapely

Ans-C

14. ANNOY

- A. Praise
- B. Rejoice
- C. Please
- D. Reward

Ans-C

15. NIGGARDLY

- A. Frugal
- B. Thrifty
- C. Stingy
- D. Generous

Ans-D

16. In the questions below the sentences have been given in Active/Passive voice. From the given alternatives, choose the one which best expresses the given sentence in Passive/Active voice.

She makes cakes every Sunday.

- A. Every Sunday cakes made by her.
- B. Cakes are made by her every Sunday.
- C. Cakes make her every Sunday.
- D. Cakes were made by her every Sunday.

Ans-B

Read the passage below and answer the questions (17-20)

At this stage of civilisation, when many nations are brought in to close and vital contact for good and evil, it is essential, as never before, that their gross ignorance of one another should be diminished, that they should begin to understand a little of one another's historical experience and resulting mentality. It is the fault of the English to expect the people of other countries to react as they do, to political and international situations. Our genuine goodwill and good intentions are often brought to nothing, because we expect other people to be like us. This would be corrected if we knew the history, not necessarily in detail but in broad outlines, of the social and political conditions which have given to each nation its present character.

17. Englishmen like others to react to political situations like

- A. us
- B. themselves
- C. others
- D. each others

Ans-B

18. According to the author his countrymen should

- A. read the story of other nations
- B. have a better understanding of other nations
- C. not react to other actions
- D. have vital contacts with other nations

Ans-B

19. The character of a nation is the result of its

- A. mentality
- B. cultural heritage
- C. gross ignorance
- D. socio-political conditions

Ans-D

20. The need for a greater understanding between nations

- A. was always there
- B. is no longer there
- C. is more today than ever before
- D. will always be there

Ans-C

21. In the question below, passage consist of six sentences. The first and sixth sentence is given in the beginning. The middle four sentences in each have been removed and jumbled up. These are labelled as P, Q, R and S. Find out the proper order for the four sentences.

S1: Throughout history man has used energy from the sun.

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P : Today, when we burn wood or use electric current we are drawing an energy.

Q : However we now have a new supply of energy.

R : All our ordinary life depends on sun.

S : This has come from the sun.

S6: This energy comes from inside atoms.

The Proper sequence should be:

A. SQPR

B. RQPS

C. QSRP

D. PSRQ

Ans-D

22. Which of phrases given below each sentence should replace the phrase printed in bold type to make the grammatically correct?

The man to **who I sold** my house was a cheat.

A. to whom I sell

B. to who I sell

C. who was sold to

D. to whom I sold

E. No correction required

Ans-D

23. Find the correctly spelt words.

A. Asspersion

B. Voluptuous

- C. Voguei
- D. Equestrain

Ans-B

24. Choose the word which best expresses the meaning of the given word.

LAUD

- A. Lord
- B. Eulogy
- C. Praise
- D. Extolled

Ans-C

25. Choose the word which best expresses the meaning of the given word.

IMPROMPTU

- A. Offhand
- B. Unimportant
- C. Unreal
- D. Effective

Ans-A

26. The question below contains one or two blanks. These blanks signify that a word or set of words has been left out. Below each sentence are five words or sets of words. For each blank, pick the word or set of words that best reflects the sentence' s overall meaning.

The _____ professor made the students stand in their desks for the rest of the class when they answered a question _____.

- A. conventional ...wrong

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- B. enthusiastic ...truthfully
- C. eccentric ...incorrectly
- D. avuncular ...fleetingly
- E. respected ...doubtfully

Ans-C

27. The questions present a related pair of words linked by a colon. Five lettered pairs of words follow the linked pair. Choose the lettered pair of words whose relationship is most like the relationship expressed in the original linked pair

DRIP : GUSH

- A. cry : laugh
- B. curl : roll
- C. stream : tributary
- D. dent : destroy
- E. bend : angle

Ans-D

28. Find the analogy

TOPAZ : YELLOW

- A. diamond : carat
- B. jeweler : clarity
- C. sapphire : red
- D. amethyst : purple
- E. amber : blue

Ans-D

29. Complete the sentence with appropriate word(s)

Grandmother was considered the _____ of the family. If she raised one eyebrow like a scepter, her _____ also known as family would rush to do her bidding.

- A. glue ...subordinates
- B. queen ...peons
- C. worker ...bosses
- D. manipulator ...juniors
- E. matriarch ...subjects

Ans-E

30. Choose the word that best completes the analogy.

INEPT : SKILL :: FLIMSY :

- A. Power
- B. Weight
- C. Strength
- D. Thickness

Ans-C

31. Choose the word or set of words that makes the most sense when inserted into the sentence and that best fits the meaning of the sentence as a whole.

Many researchers believe that dreamless sleep
is largely a period of physical rest, whereas
dreaming sleep is a period of mental _____

during which the mind _____ and stores

the information acquired during the day.

- A. relaxation . . . processes
- B. inactivity . . . categorizes
- C. fatigue . . . integrates
- D. restoration . . . sorts

Ans-D

32. Choose the correct meaning of proverb/idiom

To keeps one's temper

- A. To become hungry
- B. To be in good mood
- C. To preserve ones energy
- D. To be aloof from
- E. None of these

Ans-B

33. Read the each sentence to find out whether there is any grammatical error in it. The error, if any will be in one part of the sentence. The letter of that part is the answer.

- A. I have got
- B. my M.Sc. degree
- C. in 1988.
- D. No error.

Ans-A

34. Pick out the most effective word(s) from the given words to fill in the blank to make the sentence meaningfully complete.

The grapes are now enough to be picked.

- A. ready
- B. mature
- C. ripe
- D. advanced

Ans-C

35. In the question below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled P, Q, R and S to produce the correct sentence. Choose the proper sequence.

Since the beginning of history

- P : have managed to catch
- Q : the Eskimos and Red Indians
- R : by a very difficult method
- S : a few specimens of this aquatic animal

The Proper sequence should be:

- A. QRPS
- B. SQPR
- C. SQRP
- D. QPSR

Ans-D

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1. Look at this series: 22, 21, 23, 22, 24, 23, ... What number should come next?

- A. 22
- B. 24
- C. 25
- D. 26

Ans-C

2. Look at this series: 1000, 200, 40, ... What number should come next?

- A. 8
- B. 10
- C. 15
- D. 20

Ans-A

3. Look at this series: 5.2, 4.8, 4.4, 4, ... What number should come next?

- A. 3
- B. 3.3
- C. 3.5
- D. 3.6

Ans-D

4. Look at this series: 80, 10, 70, 15, 60, ... What number should come next?

- A. 20
- B. 25

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C. 30

D. 50

Ans-A

5. Look at this series: F2, __, D8, C16, B32, ... What number should fill the blank?

A. A16

B. G4

C. E4

D. E3

Ans-C

6. Look carefully for the pattern, and then choose which pair of numbers comes next.

8 12 9 13 10 14 11

A. 14 11

B. 15 12

C. 8 15

D. 15 19

E. 8 5

Ans-B

7. Look at this series: VI, 10, V, 11, __, 12, III, ... What number should fill the blank?

A. II

B. IV

C. IX

D. 14

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Ans-B

8. Look at this series: $(1/9)$, $(1/3)$, 1, _____, 9, ... What number should fill the blank?

- A. $(2/3)$
- B. 3
- C. 6
- D. 27

Ans-B

9. Look at this series: J14, L16, __, P20, R22, ... What number should fill the blank?

- A. S24
- B. N18
- C. M18
- D. T24

Ans-B

10. Look at this series: XXIV, XX, __, XII, VIII,... What number should fill the blank?

- A. XXII
- B. XIII
- C. XVI
- D. IV

Ans-C

11. Look at this series: U32, V29, __, X23, Y20,... What number should fill the blank?

- A. W26
- B. W17

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C. Z17

D. Z26

Ans-A

12. Fill the blank in the middle of the series or end of the series.

B2CD, _____, BCD4, B5CD, BC6D

A. B2C2D

B. BC3D

C. B2C3D

D. BCD7

Ans-B

13. Fill the blank in the middle of the series or end of the series.

ELFA, GLHA, ILJA, _____, MLNA

A. OLPA

B. KLMA

C. LLMA

D. KLLA

Ans-D

14. Fill the blank in the middle of the series or end of the series.

FAG, GAF, HAI, IAH, _____

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- A. JAK
- B. HAL
- C. HAK
- D. JAI

Ans-A

15. Fill the blank in the middle of the series or end of the series.

DEF, DEF2, DE2F2, _____, D2E2F3

- A. DEF3
- B. D3EF3
- C. D2E3F
- D. D2E2F2

Ans-D

16. Look carefully at the sequence of symbols to find the pattern. Select correct pattern

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

Ans-A

17. Look carefully at the sequence of symbols to find the pattern. Select correct pattern

- A. 1
- B. 2

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C. 3

D. 4

Ans-A

18.Look carefully at the sequence of symbols to find the pattern. Select correct pattern

A. 1

B. 2

C. 3

D. 4

Ans-D

19.Look carefully at the sequence of symbols to find the pattern. Select correct pattern.

A. 1

B. 2

C. 3

D. 4

Ans-C

20.Look carefully at the sequence of symbols to find the pattern. Select correct pattern.

A. 1

B. 2

C. 3

D. 4

Ans-C

Section C- Quantitative aptitude (20)

1. A bill falls due in 1 year. The creditor agrees to accept immediate payment of the half and to defer the payment of the other half for 2 years. By this arrangement

INS Rs. 40. What is the amount of the bill, if the money be worth 12-z%?

Ans-Rs 3600

2. A train running at 54 kmph takes 20 seconds to pass a platform. Next it takes 12 sec to pass a man walking at 6 kmph in the same direction in which the train is going. Find the length of the train and the length of the platform

Ans-140m

3. A is twice as good a workman as B and together they finish a piece in 18 days. In how many days will A alone finish the work?

Ans-10 $\frac{1}{4}$ days

4. A dog takes 4 leaps for every 5 leaps of a hare but 3 leaps of a dog are equal to 4 leaps of the hare. Compare their speeds.

5. Find the cash realised by selling Rs. 2440, 9.5% stock at 4 discount (brokerage $(\frac{1}{4})\%$)

Ans-Rs 2298

6. What is the square root of 0.0009?

Ans-0.03

7. $\frac{4}{15}$ of $\frac{5}{7}$ of a number is greater than $\frac{4}{9}$ of $\frac{2}{5}$ of the same number by 8. What is half of that number

Ans-315

8. A sum at simple interests at $13\frac{1}{2}\%$ per annum amounts to Rs.2502.50 after 4 years find the sum.

Ans-Rs 1625

9. A bag contains 50 p, 25 P and 10 p coins in the ratio 5: 9: 4, amounting to Rs. 206. Find the number of coins of each type.

Ans- 50 p coins-360

10 p coins-160

10. A mixture contains alcohol and water in the ratio 4 : 3. If 5 litres of water is added to the mixture, the ratio becomes 4: 5. Find the quantity of alcohol in the given mixture

Ans-10 litres

11. In a 100 m race, A runs at 8km per hour. If A gives B a start of 4 m and still him by 15 seconds, what is the speed of B?

Ans-5.76 km/hr.

12. In a game of 80 points; A can give B 5 points and C 15 points. Then how many points B can give C in a game of 60 ?

Ans- 8 points.

13. A book was sold for rs 27.50 with a profit of 10%. If it were sold for rs25.75, then what would be % of profit or loss?

Ans- Profit% --3%

14. The difference of two numbers is 11 and one-fifth of their sum is 9. Find the numbers.

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Ans-28 and 17

15. Of two numbers, 4 times the smaller one is less than 3 times the larger one by 5. If the sum of the numbers is larger than 6 times their difference by 6, find the two numbers

Ans-59 and 43

16. In a simultaneous throw of pair of dice .find the probability of getting the total more than 7

Ans- 5/12.

17. Two cards are drawn at random from a pack of 52 cards. What is the probability that either both are black or both are queen?

Ans-55/221

18. Two pipes A and B can fill a tank in 36 hours and 46 hours respectively. If both the pipes are opened simultaneously, how much time will be taken to fill the tank?

Ans- 20 hours.

19. What could be the maximum value of Q in the following equation?

$$5P9 + 3R7 + 2Q8 = 1114$$

Ans-9

20. Evaluate: $(313 \times 313 + 287 \times 287)$.

Ans-180338.