



SSC MTS 5th August 2019 Shift-3

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English

Instructions

For the following questions answer them individually

Question 1

**Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
He did not have few hopes when he contested the election. /No error**

- A He did not have
- B contested the election
- C No error
- D few hopes when he

Answer: D

SSC CHSL Previous Papers (DOWNLOAD PDF)

Instructions

Select the most appropriate option to fill in the blank.

Question 2

I ____ blood in the hospital tomorrow.

- A have donated
- B had donated
- C was donating
- D will donate

Answer: D

Question 3

I am always ____ for good books.

- A looking into
- B looking out
- C looking down
- D looking after

Answer: B

Instructions

For the following questions answer them individually

Question 4

Select the most appropriate synonym of the given word.

Infuriate

- A Enrage

- B Enhance
- C Engage
- D Endow

Answer: A

SSC Stenographer Previous Papers (Download PDF)

Question 5

Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Sterling is only twenty four but have achieved so much in his professional football career.

- A Sterling is only twenty four
- B in his professional football career
- C No error
- D but have achieved so much

Answer: D

Question 6

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No Improvement.

The housing problem in Mumbai becomes more serious day by day.

- A No Improvement
- B had become
- C become
- D is becoming

Answer: D

Question 7

Select the most appropriate antonym of the given word.

Familiar

- A Usual
- B Strange
- C Common
- D Known

Answer: B

SSC GD Constable Previous Papers

Question 8

Choose the most appropriate word that can substitute the given group of words.
A violent windstorm

- A Temperate
- B Drought
- C Tempest
- D Draught

Answer: C

Question 9

Choose the correctly spelt word.

- A Extravagant
- B Extravagent
- C Extrevagant
- D Extrawagant

Answer: A

Question 10

Select the most appropriate option to fill in the blank.
Young people from disadvantaged homes look for ___ in government jobs.

- A capability
- B stability
- C utility
- D ability

Answer: B

SSC MTS Previous Papers (DOWNLOAD PDF)

Question 11

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No Improvement.

The train pass over the long dark tunnel.

- A pass across
- B No Improvement
- C passes into
- D passed through

Answer: D

Question 12

Select the most appropriate meaning of the given idiom.
To feel at home

- A To feel comfortable
- B To miss one's home
- C To feel out of place
- D To be rarely at home

Answer: A

Question 13

Choose the most appropriate word that can substitute the given group of words.
The art of creating and arranging dances

- A Calligraphy
- B Choreography
- C Seismology
- D Geology

Answer: B

SSC CGL Previous Papers (DOWNLOAD PDF)

Question 14

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No Improvement.

Not only the parents but also the children were sad at leaving the house.

- A as also
- B so even
- C and also
- D No Improvement

Answer: D

Question 15

Select the most appropriate meaning of the given idiom.
Go getter

- A One who does the right thing
- B A greedy person
- C One who runs away
- D A real achiever

Answer: D

Question 16

Choose the correctly spelt word.

- A Forward
- B Eddition
- C Foreign
- D Enfluence

Answer: C

SSC CGL Free Mock Test (Latest Pattern)

Question 17

Select the most appropriate antonym of the given word.

Current

- A General
- B Present
- C Modern
- D Past

Answer: D

Instructions

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Comprehension:

Education makes a person self-reliant. An (1)___ person is well equipped to take important decisions (2)___ life. He is the master of his (3)___ and fortune. On the other hand an illiterate person (4)___ help and guidance at every step. He feels helpless (5)___ is at the mercy of others.

Question 18

Select the most appropriate option for blank No. 1.

- A educated
- B wise
- C illiterate
- D learned

Answer: A

Question 19

Select the most appropriate option for blank No. 2.

- A in
- B to

C on

D at

Answer: A

SSC CHSL Free Mock Test (Latest Pattern)

Question 20

Select the most appropriate option for blank No. 3.

A chance

B lot

C fate

D luck

Answer: C

Question 21

Select the most appropriate option for blank No. 4.

A need

B has needed

C needs

D is needing

Answer: C

Question 22

Select the most appropriate option for blank No. 5.

A but

B unless

C though

D and

Answer: D

SSC Stenographer Previous Papers (Latest Pattern)

Instructions

For the following questions answer them individually

Question 23

Select the most appropriate synonym of the given word.

Courteous

A Optional

- B Meritorious
- C Polite
- D Arrogant

Answer: C

Question 24

Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
It is easier to preach than to follow. /No error

- A No error
- B then to follow
- C to preach
- D It is easier

Answer: B

Question 25

Select the most appropriate option to fill in the blank.
My mother is the ___ inspiration in my life.

- A most biggest
- B biggest
- C big
- D bigger

Answer: B

SSC GD Constable Free Mock Test (Latest Pattern)

Reasoning

Instructions

For the following questions answer them individually

Question 26

In a certain code language, 'BOTANY' is written as 'CQWBPB'. What will be the code for 'INSECT' in that code language?

- A KQWGFX
- B JPVFEW
- C KRWGFX
- D JPUFEW

Answer: B

SSC MTS Free Mock Test (Latest Pattern)

Question 27

Select the option in which the letters share the same relationship as that shared by the given pair of letters.

GOM : JSR :: ?

- A** MOP : PSV
- B** RAT : UFY
- C** COB : FSG
- D** LAP : OFU

Answer: C

Question 28

Select the option that is related to the third term in the same way as the second term is related to the first term.

Cloth : Mill :: Crop : ?

- A** Press
- B** Maize
- C** Field
- D** Factory

Answer: C

Explanation:

Cloths are produced in mill similarly, crops are produced in field.

Question 29

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

- I. Some wood are chairs.**
- II. All chairs are mats.**

Conclusions:

- I. Some mats are wood.**
- II. Some chairs are wood.**
- III. All wood are mats.**

- A** Both conclusions I and II follow.
- B** Both conclusions II and III follow.
- C** Only conclusion I follows.
- D** None of the conclusions follows.

Answer: A

SSC CPO Free Mock Test (Latest Pattern)

Question 30

Select the option that is related to the third number in the same way as the second number is related to the first number.

17 : 289 :: 31 : ?

- A 961
- B 1021
- C 1089
- D 941

Answer: A

Explanation:

Here, square of 17 is 289.. Similarly, square of 31 is 961.

Question 31

Six cars labelled D, F, H, J, L and N are parked around a circular path facing towards the centre (not necessarily in the same order). H is third to the right of N. J is to the immediate left of D. F is second to the left of N. D is second to the left of F. Which car is parked second to the right of H?

- A J
- B L
- C N
- D F

Answer: B

Question 32

Study the given pattern carefully and select the number that can replace the question mark(?) in it.

3	4	7
6	4	2
3	2	5
15	12	?

- A 41
- B 43
- C 37
- D 31

Answer: C

Explanation:

Here, $3 \times 3 + 6$

$= 9 + 6$

$= 15$

Similarly,

$5 \times 7 + 2$

=35+2

=37

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Question 33

Select the number that can replace the question mark (?) in the following series.
279, 277, 273, 267, ?

A 257

B 263

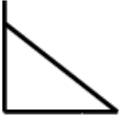
C 261

D 259

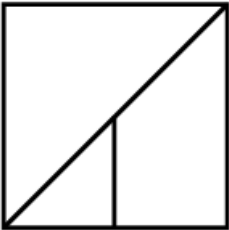
Answer: D

Question 34

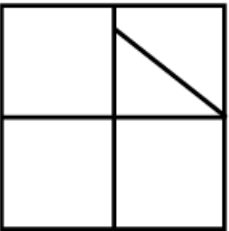
Select the option in which the given figure is embedded. (Rotation not allowed)



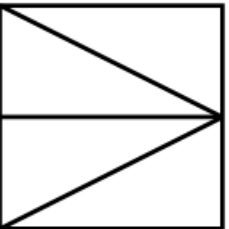
A



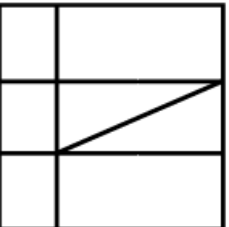
B



C



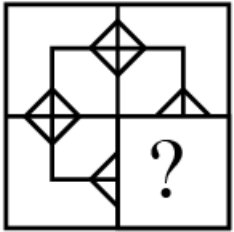
D



Answer: B

Question 35

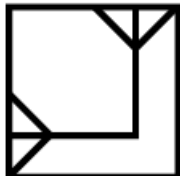
Study the given pattern carefully and select the figure that will complete the pattern given in the question figure.



A



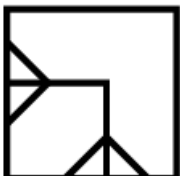
B



C



D



Answer: C

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Question 36

Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

- I. All P are Q.
- II. Some Q are Z.
- III. Some Z are T.

Conclusions:

- I. Some T are P.
- II. Some P are Z.
- III. No T is Z.

A Both conclusions II and III follow.

- B Only conclusion II follows.
- C None of the conclusions follow.
- D Only conclusion I follows.

Answer: C

Question 37

Select the letter-pair that can replace the question mark (?) in the following series.
MR, NU, OX, PA, ?

- A RE
- B QC
- C RC
- D QD

Answer: D

Question 38

Five subjects, R, T, V, X and Z, are taught from Monday to Friday (not necessarily in the same order). One subject is taught on one day. Only Z is taught before R. T is taught before X. T is not taught on Wednesday. How many subjects are taught before V?

- A 2
- B 3
- C 0
- D 1

Answer: A

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Question 39

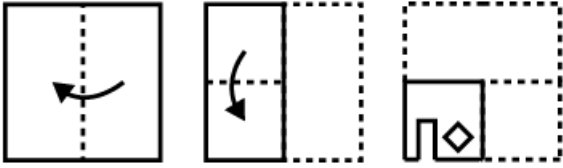
Six actors, C, E, G, I, K and M, are sitting around a circular table facing towards the centre (not necessarily in the same order). M is second to the left of G. E is second to the right of C. K is to the immediate left of M. Who is sitting to the immediate right of E?

- A I
- B G
- C M
- D K

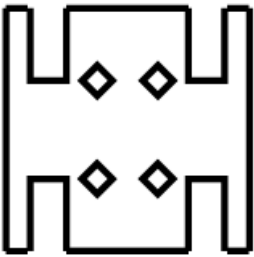
Answer: A

Question 40

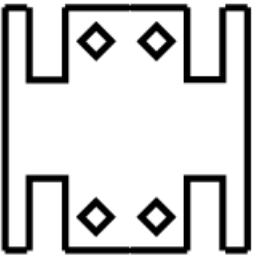
The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?



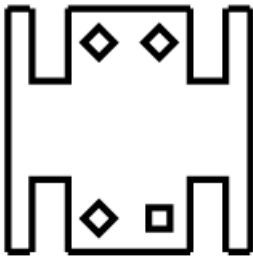
A



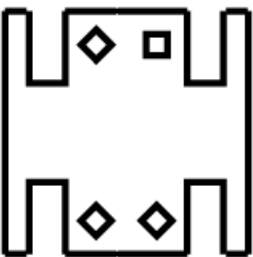
B



C



D



Answer: B

Question 41

Select the number that can replace the question mark (?) in the following series.
8, 8, 16, 48, ?

A 196

B 192

C 190

D 216

Answer: B

SSC Study Material

Question 42

Which two numbers need to be interchanged to make the following equation correct?

$$5 \times 8 + 7 - 3 = 14$$

- A 8 and 3
- B 8 and 5
- C 3 and 7
- D 7 and 8

Answer: A

Explanation:

If we interchange 8 and 3 then-

$$\begin{aligned} 5 \times 3 + 7 - 8 \\ = 15 + 7 - 8 \\ = 14 \end{aligned}$$

Question 43

Select the option that is related to the third term in the same way as the second term is related to the first term.

Eraser : Pencil :: Chair : ?

- A Sit
- B Plastic
- C Wood
- D Table

Answer: D



Explanation:

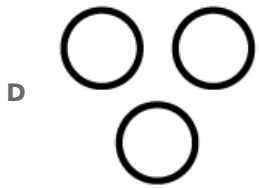
Eraser and Pencil are quite complementary and similarly Chair and Table are also quite complementary item.

Question 44

Identify the diagram that best represents the relationship between the given classes.

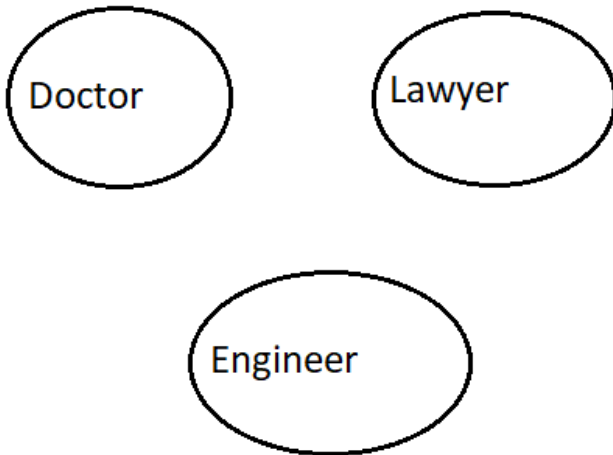
Lawyer, Engineer, Doctor

- A 
- B 



Answer: D

Explanation:



SSC Daily Practice Set

Question 45

If the given two numbers are interchanged, which of the following equations will become correct?
3 and 5

A $6 + 5 \times 2 - 3 = 7$

B $3 + 4 - 1 \times 5 = 2$

C $3 + 5 - 4 \times 2 = -1$

D $1 + 9 \div 3 + 5 = 9$

Answer: A

Explanation:

if we interchange 3 and 5 then-

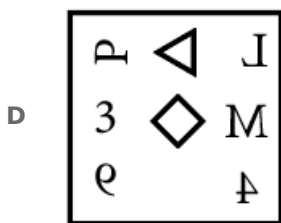
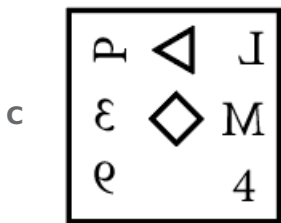
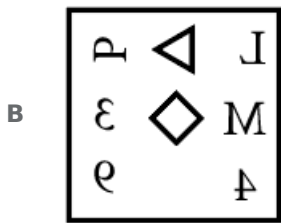
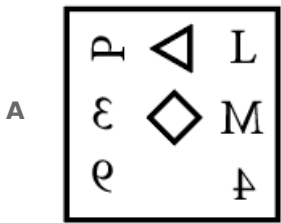
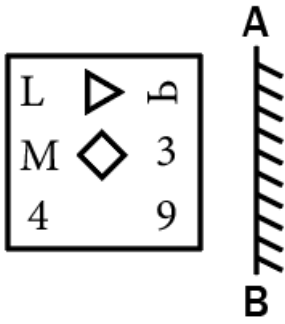
$6 + 3 \times 2 - 5$

$$= 6+6-5$$

$$= 7$$

Question 46

Select the correct mirror image of the given figure when the mirror is placed at line AB.



Answer: B

Question 47

In a certain code language, 'RIP' is written as '42' and 'MOL' is written as '39'. What will be the code for 'GAN' in that code language?

A 21

B 23

C 20

D 22

Answer: A

Explanation:

Here place values of given words are-

R=18, I=9, P=16

So, RIP=(18+9+16)-1 =42

Similarly, M=13, O=15, L=12

So, (13+15+12)-1 = 39

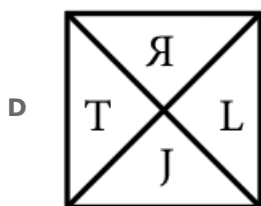
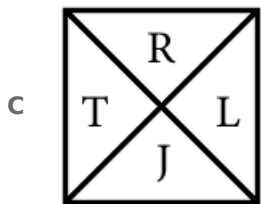
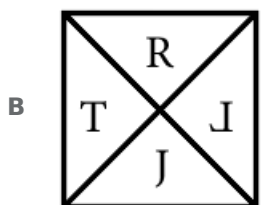
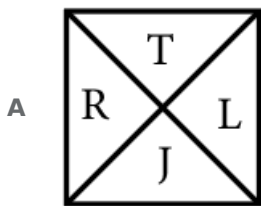
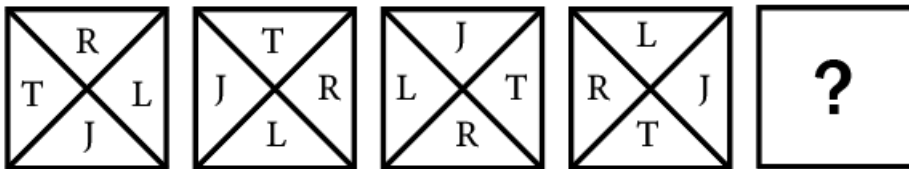
G=7, A=1, N=14

So, (7+1+14)-1 = 21

SSC GK Free Tests

Question 48

Select the figure that will come next in the following series.



Answer: C

Explanation:

Here the letters are moving 90 degree clockwise direction so, the answer figure will be option C.

Question 49

In a certain code language, 'PLANTS' is written as 'QNBPUU'. What will be the code for 'KIDNEY' in that code language?

- A MLFQGB
- B MLEQGE
- C LKFPFA
- D LKEPFA

Answer: D

Question 50

In a certain code language, 'POLE' is written as '48' and 'ROG' is written as '40'. What will be the code for 'TIP' in that code language?

- A 48
- B 35
- C 45
- D 44

Answer: C

Explanation:

Place values of letters of POLE are-

P=16, O=15, L=12, E=5

So, $(16+15+12+5)=48$

Similarly, R=18, O=15, G=7

$(18+15+7)=40$

Now, T=20, I=9, P=16

So, $(20+9+16)=45$

SSC GK Questions

Quant

Instructions

For the following questions answer them individually

Question 51

The average speed of a car is 600 metres/minute. How much slower (in metres/second) does the car run than a sprinter who covers 100 metres in 9.6 seconds?

- A $\frac{7}{12}$
- B $\frac{5}{12}$
- C $\frac{1}{2}$
-

D $\frac{5}{24}$

Answer: B

Current Affairs Question and Answers (Download PDF)

Question 52

An article is sold at 22.5% profit. What is the ratio of the cost price to the selling price?

A 39 : 69

B 31 : 57

C 34 : 63

D 40 : 49

Answer: D

Explanation:

22.5% = profit%

Let us consider 100 as cost price

profit

$$= \frac{22.5}{100} \times 100$$

$$= 22.5$$

Selling price will be

$$\text{Cost price} + \text{profit} = 100 + 22.5$$

$$\text{S.p} = 122.5$$

the ratio of the cost price to the selling price

$$= \frac{100}{122.5}$$

$$= \frac{1000}{1225}$$

$$= \frac{40}{49}$$

Question 53

A bag contains coins of 1 rupee, 50 paise and 25 paise in the ratio of 1 : 2 : 4. If the total money in the bag is ₹ 225, then how many 50 paise coins are there?

A 150

B 175

C 125

D 200

Answer: A

Explanation:

1 Rs

50 paise = 0.5 Rs

25 paise = 0.25 Rs

Given that

$$1 \times 1x + 0.5 \times 2x + 0.25 \times 4x = 225$$

$$3x = 225$$

$$x = 75$$

$$\begin{aligned} \text{So 50 paise coins} &= 2 \times 75 \\ &= 150 \end{aligned}$$

Question 54

What is the median of the given data?

6, 2, 3, 5, 9, 4, 8, 7

- A 6.5
- B 5
- C 6
- D 5.5

Answer: D

Explanation:

Firstly arrange the given no. in ascending order

6, 2, 3, 5, 9, 4, 8, 7

2, 3, 4, 5, 6, 7, 8, 9

Now find middle term

That is 5, 6

Now take avg of it

$$\frac{5+6}{2}$$

$$= 5.5$$

Daily and Monthly Current Affairs (Download PDF)

Question 55

A mixture contains milk and water in the ratio 4 : 3 (by volume). If 4 litres water is added to it, then the ratio becomes 1 : 1. What is the quantity of milk in the initial mixture?

- A 16 litres
- B 20 litres
- C 18 litres
- D 12 litres

Answer: A

Explanation:

Initially mixture is 4:3

After adding 4 lit water it becomes 1:1

It means quantity of milk is remain unchanged and water is changed in mixture

4:3

1:1 $\times 4$ (to equal the milk quantity)

= 4:4

Now milk ratio is same and water is changed after adding water (4-3)

1 -> 4 lit

So in 4:3 ratio

Milk = $4 \times 4 = 16$ litre

Water = $3 \times 4 = 12$ litre

Question 56

An article is sold at two successive discounts of 10% and 20%. If the selling price is ₹1080, then what is the marked price?

A ₹1400

B ₹1600

C ₹1500

D ₹1300

Answer: C

Explanation:

formula of successive discount = $d_1 + d_2 - d_1 \times d_2 \div 100$

= 10

= 28%

Let us consider 100 as marked price and

discount is count on marked price so discount

= $\frac{28}{100} \times 100$

Discount = 28

Selling price = $100 - 28 = 72$ which is equal to 1080

$72 = 1080$

$1 = 1080 \div 72$

$1 = 15$

So

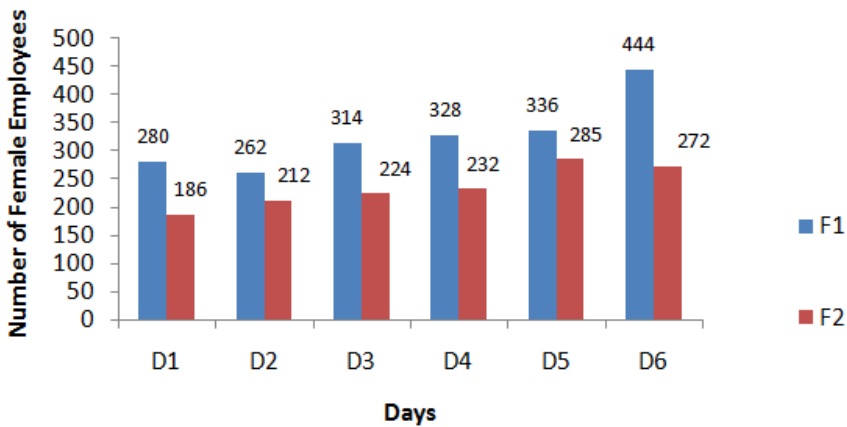
$100 = 15 \times 100$

= 1500

So marked price is Rs 1500

Question 57

The Bar graph given below presents the number of female employees working in two factories on six different days of a week.



On which day the number of female workers in the factories F1 and F2, taken together, is the second highest?

- A D5
- B D3
- C D4
- D D6

Answer: A

SSC CHSL Previous Papers (DOWNLOAD PDF)

Question 58

A train takes 1 minute to cross a stationary pole. How much time (in seconds) will it take to cross a bridge whose length is twice that of the train?

- A 120
- B 90
- C 150
- D 180

Answer: D

Explanation:

As we know that

$$\text{Speed} = \frac{\text{distance}}{\text{time}}$$

Given

Let train length = D

$$\text{Speed} = \frac{D}{60}$$

Now

Given that

Bridge length = 2D

$$\text{Time} = \frac{\text{bridglength} + \text{train}}{\text{speed}}$$

$$\text{Time} = \frac{2D + D}{60}$$

Time = 180

Question 59

Article 1 is sold for ₹180. Article 2 is sold for ₹240. The profit on article 1 is 20% and loss on article 2 is 20%, What is the sum of cost prices of the two articles?

- A ₹480
- B ₹520
- C ₹450
- D ₹400

Answer: C

Explanation:

$$20\% = \frac{1}{5}$$

In case 1 there is profit

$$\begin{aligned} \text{C.p 1} &= \frac{5}{6} \times 180 \\ &= 150 \end{aligned}$$

In case 2 there is loss

$$\begin{aligned} \text{C.p 2} &= \frac{5}{4} \times 240 \\ &= 300 \end{aligned}$$

$$\text{CP1} + \text{CP2} = 450$$

Question 60

What is the value of $\frac{3 \text{ of } 24 \div 8 \times 3 + 4 \div 2 - 4 \times 5}{36 \div 12 \times 4 \div 2 + 5 \times (6 - 4)}$?

- A $\frac{3}{10}$
- B $\frac{9}{16}$
- C $\frac{3}{4}$
- D $\frac{8}{15}$

Answer: B

Explanation:

$$\begin{aligned} & \frac{72 \div 8 \times 3 + 4 \div 2 - 4 \times 5}{36 \div 12 \times 4 \div 2 + 5 \times 2} \end{aligned}$$

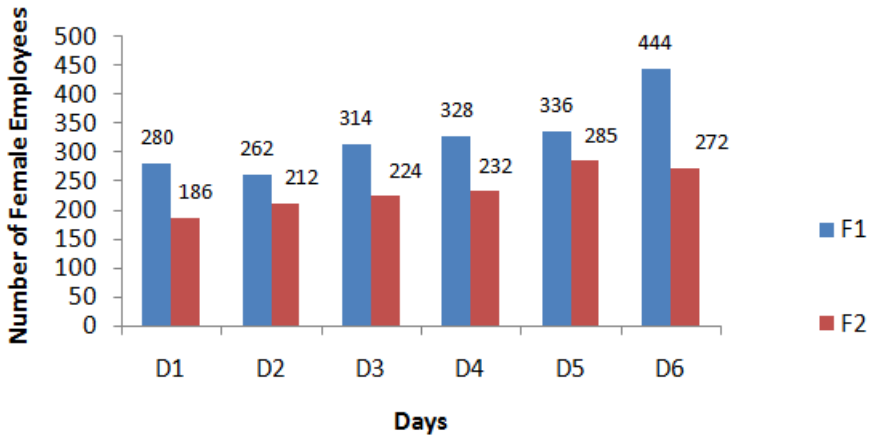
$$\begin{aligned} &= \frac{9 \times 3 + 2 - 20}{3 \times 2 + 5 \times 2} \end{aligned}$$

$$\begin{aligned} &= \frac{27 + 2 - 20}{6 + 10} \end{aligned}$$

$$\begin{aligned} &= \frac{9}{16} \end{aligned}$$

Question 61

The Bar graph given below presents the number of female employees working in two factories on six different days of a week.



What is the ratio of the average number of females working in factory F2 per day during Days D1, D2, D3 to the average number of females working in factory F1 per day during days D4, D5, D6?

- A 1964 : 1411
- B 311 : 554
- C 1411 : 1964
- D 554 : 311

Answer: B

Question 62

10 men working 8 hours day can do a work in 30 days. In how many days will 12 men working 4 hours a day take do the same work?

- A 50 days
- B 30 days
- C 60 days
- D 40 days

Answer: A

Explanation:

apply chain rule

$$M_1 D_1 H_1 = M_2 D_2 H_2$$

$$10 \times 8 \times 30 = 12 \times 4 \times D_2$$

$$= 50 \text{ days}$$

Question 63

What is the value of $\frac{3}{4} \div \frac{9}{32} + 3 \times \frac{4}{3} \text{ of } \frac{27}{16} - \frac{1}{2} \times \left(\frac{8}{3} - 2 \right) \div 9 + \left(\frac{1}{3} + \frac{1}{6} \right) ?$

- A $\frac{13}{2}$

B $\frac{10}{3}$

C $\frac{31}{2}$

D $\frac{25}{2}$

Answer: B

Explanation:

Firstly solve bracket and then apply bodmass rule

$$\frac{1}{2} \times \left(\frac{8}{3-2} \right) \div 9 + \left(\frac{1}{3} + \frac{1}{6} \right)$$

$$\frac{1}{2} \times \left(\frac{8}{1} \right) \div 9 + \left(\frac{1}{3} + \frac{1}{6} \right)$$

$$\frac{8}{2} + \frac{3}{4} + 2$$

$$\frac{25}{4}$$

$$\frac{10}{3}$$

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Question 64

A ribbon of uniform width and length l is wound around a right circular cylinder to completely cover its curved surface. If the circumference of the base of the cylinder is c , then the number of turns of the ribbon around the cylinder is:

A $\frac{l}{4c}$

B $\frac{l}{c}$

C $\frac{2l}{c}$

D $\frac{l}{2c}$

Answer: B

Explanation:

circumference = c

Length of wire = l

$$\text{Turns} = \frac{\text{length of wire}}{\text{circumference}}$$

$$\text{Turns} = \frac{l}{c}$$

Question 65

Average age of mother and father is 28 years. Average age of mother, father and their child is 20 years. What is the age of child?

A 4 years

B 3 years

C 6 years

D 5 years

Answer: A

Explanation:

$$\text{age of mother and father} = \frac{m+f}{2} = 28$$

$$= m+f=56$$

$$= \frac{m+f+c}{2} = 20$$

$$= m+f+c = 60$$

$$= c = 60-56$$

$$= 4 \text{ years}$$

Question 66

The average of 4 numbers is 9. If another number 14 is included, then what is the new average?

A 10

B 10.5

C 9

D 9.5

Answer: A

Explanation:

let w, x, y, z be the 4 numbers

$$\text{Avg} = \frac{w+x+y+z}{4} = 9$$

$$w+x+y+z=36$$

$$\text{New no. } v=14$$

$$\text{Avg of 5 no is} = \frac{w+x+y+z+v}{5}$$

$$= \frac{36+14}{5}$$

$$= 10$$

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Question 67

What is the largest four-digit number, which is divisible by 32, 40, 36 and 48?

A 8820

B 8640

C 9220

D 9120

Answer: B

Explanation:

The LCM of 32, 40, 36, 48 is 1440

Only 8640 is divisible by 1440

Question 68

The side of an equilateral triangle is 4 cm. What is its area?

- A $6\sqrt{3} \text{ cm}^2$
- B $8\sqrt{3} \text{ cm}^2$
- C $9\sqrt{3} \text{ cm}^2$
- D $4\sqrt{3} \text{ cm}^2$

Answer: D

Explanation:

$$\begin{aligned} \text{formula} &= \frac{\sqrt{3}}{4} a^2 \\ &= \frac{\sqrt{3}}{4} 4^2 \\ &= 4\sqrt{3} \text{ cm}^2 \end{aligned}$$

Question 69

A, B and C, working alone can do a piece of work in 12, 24 and 36 days respectively. They work together and get ₹3850 for completing the work. What is the difference in shares of B and C?

- A ₹700
- B ₹1050
- C ₹1400
- D ₹350

Answer: D

Explanation:

$$A = 12$$

$$B = 24$$

$$C = 36$$

$$\text{Lcm} = 12, 24, 36 = 72 = \text{total work}$$

$$\text{Efficiency} = \frac{12}{72}, \frac{24}{72}, \frac{36}{72}$$

$$= 6, 3, 2 \text{ respectively}$$

So shares is distributed in the ratio of efficiency

$$\text{B's share} = \frac{3}{11} \times 3850 = 1050$$

$$\text{Similarly C's share} = \frac{2}{11} \times 3850 = 700$$

$$\text{(B-C)'s shares} = 350$$

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Question 70

A sum of ₹2000 is invested at compound interest (compounding annually). If the rate of interest is 10% per annum, then what will be the amount after 30 months?

- A ₹2524

B ₹2538

C ₹2541

D ₹2532

Answer: C

Explanation:

30 months = 30 divides 12

$$= 2 \frac{1}{2}$$

compound interest = $P(1 + \frac{R}{100})^n$

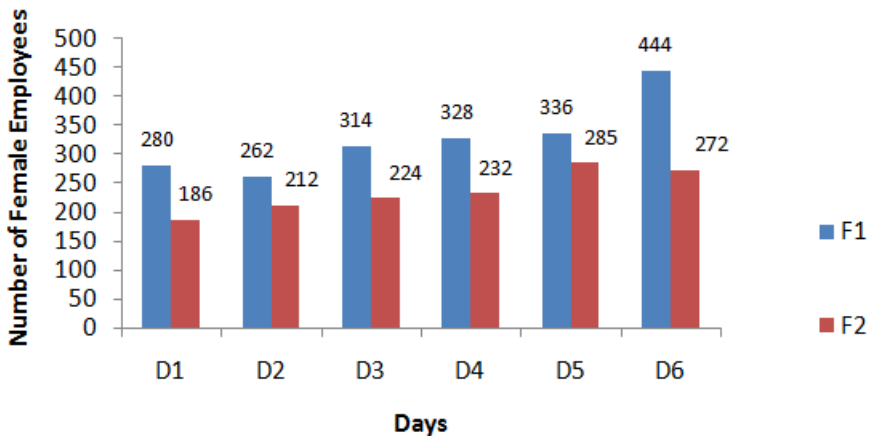
$$= P \left((1 + \frac{R}{100})^2 \times (1 + \frac{0.5 \times R}{100})^1 \right)$$

$$2000 \left((1 + \frac{10}{100})^2 \times (1 + \frac{0.5 \times 10}{100})^1 \right)$$

$$= 2541$$

Question 71

The Bar graph given below presents the number of female employees working in two factories on six different days of a week.



What is the difference (correct up to two decimal places) in the average number of females working per day in a factory F1 and the average number of females working per day in a factory F2?

A 125.33

B 96.25

C 92.17

D 87.33

Answer: C

Question 72

A is 20% more than B. B is 25% more than C. C is how much percent less than A?

A 37.5%

B 33.33%

C 50%

D 66.66%

Answer: B

Explanation:

Consider C=100

Given B=25% more than C = $100 + (100 \times 25\%)$

$$= 100 + (100 \times 0.25)$$

$$= 100 + 25$$

$$= 125$$

A=20% more than B

$$= 150$$

To find C is how much percent less than A, we have C = 100 and A = 150.

Therefore, we get

$$= \frac{150-100}{150}$$

$$= \frac{50}{150}$$

$$= \frac{1}{3}$$

$$= 0.3333$$

$$= 33.33\%$$

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Question 73

The volume of a right circular cone is 1232 cm^3 and its height is 24 cm. What is its curved surface area?
(Take $\pi = \frac{22}{7}$)

A 430 cm^2

B 550 cm^2

C 354 cm^2

D 604 cm^2

Answer: B

Explanation:

$$\text{volume of cone} = \frac{1}{3} \times \pi \times r^2 \times h$$

$$1232 = \frac{1}{3} \times \pi \times r^2 \times 24$$

$$r = 7 \text{ cm}$$

$$\text{Curved surface area of cone} = \pi \times r \times l$$

$$L = \sqrt{r^2 + h^2}$$

$$= 25 \text{ cm}$$

$$\text{Curved surface area of cone} = \pi \times 7 \times 25$$

$$= 550 \text{ cm}^2$$

Question 74

The simple interest on a certain sum for two years at the rate of 20% per annum is ₹250. What is the compound interest (compounded annually) on the same sum for the same period at the same rate of interest?

- A ₹275
- B ₹750
- C ₹550
- D ₹900

Answer: D

Explanation:

$$S.I = \frac{P \times R \times T}{100}$$
$$250 = \frac{P \times 20 \times 2}{100}$$
$$= 625$$

$$\text{compound interest} = P \left(1 + \frac{R}{100}\right)^n$$
$$= 625 \left(1 + \frac{20}{100}\right)^2$$
$$= \text{Rs}900$$

Question 75

The monthly incomes of A and B are in the ratio 3 : 4 and the ratio of their monthly expenditures is 2 : 3. If each saves ₹ 4000 per month, then what is the income of B?

- A ₹12000
- B ₹14000
- C ₹20000
- D ₹16000

Answer: D

Explanation:

profit = income - expenditure

Given that for B = 4 - 3 = 4000

$$1 = 4000$$
$$\text{Income} = 4 \times 4000$$
$$16000$$

Instructions

For the following questions answer them individually

Question 76

Where is the headquarters of 'Bank of Baroda' situated?

- A Kolkata
- B Pune
- C Mumbai
- D Vadodara

Answer: D

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Question 77

As of 2018, the largest producer of cocoa bean is _____.

- A Ivory Coast
- B Brazil
- C Cuba
- D India

Answer: A

Question 78

What was the name of India's lone female orangutan who died in the zoo of Odisha?

- A Ginny
- B Binny
- C Tinny
- D Pinny

Answer: B

Question 79

Who among the following is a flute player?

- A Zakir Hussain
- B Shiv Kumar Sharma
- C Hariprasad Chaurasia
- D Ravi Shankar

Answer: C

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Question 80

According to the Union Budget 2019, the Custom Duty on Gold and other precious metals hiked from 10% to _____.

- A 0.125
- B 0.12
- C 0.11
- D 0.105

Answer: A

Question 81

Which of the following plant is Bryophyte?

- A Cycas
- B Moss
- C Algae
- D Fern

Answer: B

Question 82

Which article of Indian Constitution constitutes Abolition of Untouchability?

- A Article 17
- B Article 16
- C Article 25
- D Article 21

Answer: A

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Question 83

On which of the following river 'Nagarjuna Sagar Dam' is situated?

- A Godavari
- B Krishna
- C Cauvery
- D Mahanadi

Answer: B

Question 84

The tagline of The UCO Bank is:

- A Honors Your Trust
- B Good People to bank with
- C Where every individual is committed
- D Faithful And Friendly

Answer: A

Question 85

In 15th century, who among the following was one of the leading proponents of Vaishnavism in Assam?

- A Jayadeva
- B Raidas
- C Shankaradeva
- D Ghasidas

Answer: C

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Question 86

"Long walk to Freedom" is the autobiography of _____.

- A Abraham Lincoln
- B John F Kennedy
- C Nelson Mandela
- D Kofi Annan

Answer: C

Question 87

How many watts are there in one horsepower?

- A 756 Watt
- B 746 Watt
- C 736 Watt
- D 766 Watt

Answer: B

Question 88

Which of the following State Government approved an amendment to factories Act 1948 in June 2019?

- A Maharashtra
- B Goa
- C Gujarat
- D Kerala

Answer: B

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Question 89

Which of the following Stupa is declared as 'protected area of national importance' in 2019?

- A Ramabhar Stupa
- B Kesaria Stupa
- C Chaukhandi Stupa
- D Dhamekh Stupa

Answer: C

Question 90

Who among the following is NOT a Bharat Ratana awardee?

- A Shyam Prasad Mukherjee
- B M.G.Ramachandran
- C Vinoba Bhave
- D Morarji Desai

Answer: A

Question 91

Which of the following is the highest peak of Eastern Ghats?

- A Anamudi
- B Mahendragiri
- C Kolaribetta
- D Doddabetta

Answer: B

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Question 92

From which country the Indian Constitution borrowed the provision of Power of Judicial Review and independence of the judiciary?

- A Germany
- B Japan
- C Australia
- D USA

Answer: D

Question 93

Which gas is produced when metal reacts with dilute acids?

- A Hydrogen
- B Nitrogen
- C Carbon Dioxide
- D Oxygen

Answer: A

Question 94

In which of the following states of India is the Moatsu festival celebrated?

- A West Bengal
- B Assam
- C Nagaland
- D Tripura

Answer: C

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Question 95

Which of the following eye part is 3D printed by Scientists in 2018?

- A Iris
- B Lens
- C Retina
- D Cornea

Answer: D

Question 96

Which of the following books is NOT written by Chetan Bhagat?

- A Making India Awesome
- B Wise and Otherwise

- C One Indian Girl
- D Revolution 2020

Answer: B

Question 97

During Mughal period, the Sanskrit Mahabharata was translated into Persian as:

- A Sahanama
- B Badashahnama
- C Razmnama
- D Tutinama

Answer: C

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Question 98

In the context of medieval India, which of the following pairs is correct?

- A Marco Polo - Morocco
- B Francois Bernier - Spain
- C Duarte Barbosa - Portugal
- D Al-Biruni -Turkey

Answer: C

Question 99

Who among the following becomes the fastest batsman to reach 20,000 international runs?

- A MS Dhoni
- B Shikhar Dhawan
- C Virat Kohli
- D Rohit Sharma

Answer: C

Question 100

As of June 2019, who is the President of Indian Olympic Association?

- A Narendra Batra
- B Rajeev Mehta
- C Narayan Ramachandran
- D Abhay Singh Chautala

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