**Logical Reasoning**

1. If TOUR is written as 1234, CLEAR is written as 56784 and SPARE is written as 90847,

find the code for CARE

A. 1247

B. 4847

C. 5247

D. 5847

Answer

Option: D

Explanation :

R is in every group of letter and 4 is in every group of numbers so

R = 4 C L E A R = 5 6 7 8 4 , S P A R E = 9 0 8 4 7 Here 847 are common

So CL = 56 and SP = 90 Thus C A R E = 5 8 4 7

2. Insert the airthmetical signs in the following numerical figure.

9 6 3 = 27

A.

+ , x

B.

- , +

C.

/ , +

D.

+ , /

Answer

Option: A

Explanation :

Always apply the rules of BODMAS in such type of problems. In this problem multiplication

will be done first then comes the operation of addition and finally

subtraction, i.e., 9 + 6 x 3 = 27

3. 4, 6, 9, 13,

A.

15

B.

12

C.

18

D.

17

Answer

Option: C

Explanation :

The difference between two consecutive numbers is increasing in

the order of 2, 3, 4, 5, etc.

4. A, Band C are intelligent, A, D and E are laborious and D, C and E are honest and .

A, B, and E are ambitious. Which of the following are not honest?

A.

A and B

B.

C and A

C.

A and D

D.

C, A and B

Answer

Option: A

Explanation :

Put a right mark on the qualities that

a particular member possesses as is done in the table here.

5. (a) I know a professor of a university.

(b) He has beard.

Inference : All the professors of the university have beard.

A.

the inference is definitely true

B.

the inference is definitely false

C.

the inference is probably false or true

D.

inference can not be drawn

Answer

Option: B

Explanation :

I know only one professor who has beard and other professors are not known to me. So the conclusion must be false. And the inference that "some professors of the university have beard" is probably false or probably true

**Quntitative Aptitude**

1. The Average of the first five multiples of 9 is:  
A.20

B.27

C.28

D.30

[Answer & Solution](javascript:void(0);) [Discuss in Board](https://www.examveda.com/the-average-of-the-first-five-multiples-of-9-is-3) [Save for Later](javascript:void(0);)

**Answer & Solution**

**Answer: Option B**

**Solution:**

Required average=total sum of multiple of 95=9+18+27+36+455=27

Note that, average of 9 and 45 is also 27.  
And average of 18 and 36 is also 27.

2. When a plot is sold for Rs. 18700, the owner losses 15% . At what price must the plot be sold in order to get 15%.

A.Rs. 21,000

B.Rs. 22,500

C.Rs. 25,300

D.Rs. 25,800

[Answer & Solution](javascript:void(0);) [Discuss in Board](https://www.examveda.com/when-a-plot-is-sold-for-rs-18700-the-owner-loses-15-percent-at-what-price-must-the-plot-be-sold-in-order-to-gain-15-percent-92117) [Save for Later](javascript:void(0);)

**Answer & Solution**

**Answer: Option C**

**Solution:**

Let the new S.P. be Rs. x  
Then, 85 : 18700 = 115 : x

⇒x=(18700×11585)⇒x=25300

3. If A and B together can complete a piece of work in 15 days and B alone in 20 days, in how many days can A alone complete the work?

A.60

B.45

C.40

D.30

[Answer & Solution](javascript:void(0);) [Discuss in Board](https://www.examveda.com/if-a-and-b-together-can-complete-a-piece-of-work-in-15-days-and-b-alone-in-20-days-in-how-many-days-can-a-alone-complete-the-work-483) [Save for Later](javascript:void(0);)

**Answer & Solution**

**Answer: Option A**

**Solution:**

**1st method:**  
A and B complete a work in = 15 days  
One day's work of (A + B) = 1 / 15

B complete the work in = 20 days;  
One day's work of B =  1 / 20

Then, A's one day's work

=1/15−1/20

=4−3 / 6

=1 / 60

Thus, A can complete the work in = 60 days.  
  
**2nd method:**  
(A + B)'s one day's % work =

100 / 15

 = 6.66%  
B's one day's % work =

100 / 2010020

 = 5%  
A's one day's % work = 6.66 - 5 = 1.66%  
Thus, A need =

1001.661001.66

 = 60 days to complete the work.

4. P and Q invested in a business. The profit earned was divided in the ratio 2 : 3.

If P invested Rs. 40000, the amount invested by Q is

A.Rs. 40000

B.Rs. 50000

C.Rs. 60000

D.Rs. 70000

[Answer & Solution](javascript:void(0);) [Discuss in Board](https://www.examveda.com/p-and-q-invested-in-a-business-the-profit-earned-was-divided-in-the-ratio-2-3-if-p-invested-rs-40000-the-amount-invested-by-q-is-15578) [Save for Later](javascript:void(0);)

**Answer & Solution**

**Answer: Option C**

**Solution:**

Let the amount invested by Q = q.

40000:q=2:3

⇒40000/q=2/3

⇒q=40000×3/2=Rs. 60000

**5. The sum of ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of the youngest child?**

A.4 years

B.8 years

C.10 years

D.None of these

[Answer & Solution](javascript:void(0);) [Discuss in Board](https://www.examveda.com/the-sum-of-ages-of-5-children-born-at-the-intervals-of-3-years-each-is-50-years-what-is-the-age-of-the-youngest-child-18437) [Save for Later](javascript:void(0);)

**Answer & Solution**

**Answer: Option A**

**Solution:**

Let the ages of children be *x*, (*x* + 3), (*x* + 6), (*x* + 9) and (*x* + 12) years.  
Then, *x* + (*x* + 3) + (*x* + 6) + (*x* + 9) + (*x* + 12) = 50  
⇒ 5*x* = 20  
⇒ *x* = 4.  
∴ Age of the youngest child = *x* = 4 years.

# Verbal, Non-verbal Communication

**(1) Which of the following adds more meaning to the noun…..**

a) Adverb

b) Noun

c) Pronoun

d) Adjective

e) Verb

**Answer - Click Here:**

**D**

**(2) Which of the following speech is also called reported speech…..**

a) Indefinite

b) Definite

c) Indirect

d) Direct

e) Negative

**Answer - Click Here:**

**C**

3. Non-verbal communication includes all external stimuli apart from words uttered.  
a)True  
b)False

View Answer

Answer: a  
Explanation: The statement is true. Non-verbal communication includes all external stimuli apart from words uttered or written.

4. Which of these is the greatest means of conveying information?  
a)Writing  
b)Words  
c)Signs  
d)Pictures

View Answer

Answer: b  
Explanation: Though a message can be conveyed by means other than words, man’s greatest means of conveying information is through words. Thus very little information can be conveyed without uttering words.

5. In an office, an employee communicates horizontally with his \_\_\_\_\_\_\_  
a)superiors  
b)subordinates  
c)colleagues  
d)assistant

View Answer

Answer: c  
Explanation: The correct statement is: In an office, an employee communicates horizontally with his colleagues. Horizontal communication happens between people who are on the same tier as each other in an office hierarchy. He communicates vertically with his subordinates and superiors. Vertical communication happens between people who are on different levels in an office hierarchy.

**General Knowledge and Current Affairs**

1. The ‘ASEAN-INDIA Hackathon’ is an initiative taken by which Union Ministry?

[A]Ministry of External Affairs  
[B]Ministry of Education  
[C] Ministry of Culture  
[D] Ministry of Science and Technology

**Correct Answer:** B [Ministry of Education]

**Notes:**  
The ‘ASEAN-INDIA Hackathon’ is an initiative taken by the Union Ministry of Education. This year’s edition has been inaugurated and is being organised online from 1st -3rd February 2021.  
The event enables India and all the 10 ASEAN countries collaborate in the fields of education, science and technology. The countries also revive their economic and cultural ties under the event. This year the broad themes of the Hackathon are ‘Blue Economy’ and ‘Education’.

2. What is the name of electric two-wheeler that has been launched by IIT Madras-incubated start-up Pi Beam?

[A]Electro  
[B]Ampere  
[C]Voltabike  
[D] PiMo

Hide Answer

**Correct Answer:** D [PiMo]

**Notes:**  
Pi Beam – an IIT Madras-incubated start-up has recently launched a 2-wheeler named PiMo. This vehicle can be charged faster than a smart mobile phone.  
It has a range of 50 km and is priced at Rs.30,000/-. This vehicle does not require registration and is targeted at personal and commercial users.

3. What is Mission Indradhanush 3.0, which was seen in the news recently?

[A] Indian Airforce Exercise  
[B] ISRO’s mission to moon  
[C] Vaccination campaign for children and pregnant women  
[D] Financial literacy campaign

**Correct Answer:** C [Vaccination campaign for children and pregnant women]

**Notes:**  
The Union Ministry of Health and Family Welfare has launched the Mission Indradhanush 3.0. It aims to vaccinate children and pregnant women who have missed their regular vaccination due to COVID and national lockdown.  
This campaign will have two rounds of vaccination. Women and children of migration areas and hard to reach terrains would be targeted first.

4. Which bank has launched a dedicated app to provide low-cost digital payments infrastructure to merchants?

[A] Bank of Baroda  
[B] Indian Bank  
[C] Indian Overseas Bank  
[D] State Bank of India

**Correct Answer:** D [State Bank of India]

**Notes:**  
The country’s largest lender – The State Bank of India has recently launched a dedicated app named YONO MERCHANT to provide low-cost digital payments infrastructure to merchants. The app has been launched by the Bank’s subsidiary SBI Payments.  
This is a part of SBI’s plan to employ low-cost digital payments infrastructure to 20 million merchants in the country for next 2 year.

40.Which regulator has proposed to introduce a concept called ‘accredited investors’?

[A] RBI  
[B] NABARD  
[C] IRDAI  
[D] SEBI

Hide Answer

**Correct Answer:** D [SEBI]

**Notes:**  
The market regulator Securities and Exchange Board of India (SEBI) has proposed to introduce a concept called ‘accredited investors’.  
SEBI has noted that accredited investors, (also known as qualified investors or professional investors) are those who have an understanding of various financial products, the risks and returns associated with them. They can take informed decisions regarding investments and are recognised by many securities and financial market regulators globally.

5. Which malware is alleged to be behind the October blackout in Mumbai?

[A] Trojan Horse  
[B]Spyware  
[C]Blackware  
[D] ShadowPad

**Correct Answer:** D [ShadowPad]

**Notes:**  
ShadowPad is a malware that is alleged to be behind the October blackout in Mumbai. It has been linked to Chinese cyberattacks in the past too.  
It was discovered in the year 2017. It was found injected into software updates by NetSarang, a legitimate software provider.