

Book For
Central Council for Research in Homoeopathy



CCRH Reasoning Sample Paper 2016 PDF Download



Visit our websites:

www.Couponlal.com

www.Myexamportal.com

www.Examlal.com

www.Joblal.com

www.joinexam.in

www.examy.com

(1) 125,80,45,20,?

- [A] 5
- [B] 8
- [C] 10
- [D] 12

Answer : [A]

Explanation:

The pattern is - 45, - 35, - 25,

So, missing term = $20 - 15 = 5$.

www.myexamportal.com | www.couponlal.com | www.examlal.com | www.joblal.com | www.examy.com

(2) 198, 194, 185, 169, ?

- [A] 92
- [B] 112
- [C] 136
- [D] 144

Answer : [D]

Explanation:

The pattern is - 4, - 9, - 16,.....i.e. $- 2^2, - 3^2, - 4^2, \dots$

So, missing pattern = $169 - 5^2 = 169 - 25 = 144$.

www.myexamportal.com | www.couponlal.com | www.examlal.com | www.joblal.com | www.examy.com

(3) 563, 647, 479, 815, ?

- [A] 672
- [B] 386
- [C] 279
- [D] 143

Answer : [D]

Explanation:

The pattern is + 84, - 168, + 336,.....i.e. $+ 84, - (84 \times 2), + (84 \times 2^2), \dots$

So, missing term = $815 - (84 \times 2^3) = 815 - 672 = 143$.

www.myexamportal.com | www.couponlal.com | www.examlal.com | www.joblal.com | www.examy.com

(4) 2,15,41,80,?

- [A] 111
- [B] 120
- [C] 121
- [D] 132

Answer : [D]

Explanation:

The pattern is + 13, + 26, + 39,.....

So, missing term = $80 + 52 = 132$.

www.myexamportal.com | www.couponlal.com | www.examlal.com | www.joblal.com | www.examy.com

(5) 1, 9, 25, 49, ?, 121

- [A] 64

- [B] 81
[C] 91
[D] 100

Answer : [B]

Explanation:

The given series consists of squares of consecutive odd numbers

i.e. $1^2, 3^2, 5^2, 7^2, \dots$

So, missing term = $9^2 = 81$.

www.myexamportal.com | www.couponlal.com | www.examlal.com | www.joblal.com | www.examy.com

(6) In the series 3, 9, 15, what will be the 21st term?

- [A] 117
[B] 121
[C] 123
[D] 129

Answer : [C]

Explanation:

Clearly, $3 + 6 = 9, 9 + 6 = 15, \dots$

So, the series is an A.P. in which $a = 3$ and $d = 6$.

Therefore 21st term = $a + (21 - 1)d = a + 20d = 3 + 20 \times 6 = 123$.

www.myexamportal.com | www.couponlal.com | www.examlal.com | www.joblal.com | www.examy.com

(7) 240, ?, 120, 40, 10, 2

- [A] 180
[B] 240
[C] 420
[D] 480

Answer : [B]

Explanation:

The pattern is $\div 1, \div 2, \div 3, \div 4, \div 5$.

So, missing term = $240 \div 1 = 240$.

www.myexamportal.com | www.couponlal.com | www.examlal.com | www.joblal.com | www.examy.com

(8) 6, 17, 39, 72, ?

- [A] 83
[B] 94
[C] 116
[D] 127

Answer : [C]

Explanation:

The pattern is $+ 11, + 22, + 33, \dots$

So, missing term = $72 + 44 = 116$.

www.myexamportal.com | www.couponlal.com | www.examlal.com | www.joblal.com | www.examy.com

(9) cccbb _ aa _ cc _ bbbaa _ c

- [A] aebe
[B] baca

[C] baba

[D] acba

Answer : [B]

Explanation:

The series is ccc bbb aaa/ccc bbb aaa/c. Thus, the pattern ccc bbb aaa is repeated.

www.myexamportal.com | www.couponlal.com | www.examlal.com | www.joblal.com | www.examyou.com

(10) m _ nm _ n _ an _ a _ ma _

[A] aamnan

[B] ammanm

[C] aammnn

[D] amammn

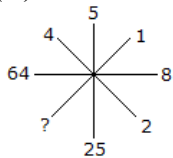
Answer : [C]

Explanation:

The series is man/man/man/man/man. Thus, the pattern 'man' is repeated.

www.myexamportal.com | www.couponlal.com | www.examlal.com | www.joblal.com | www.examyou.com

(11) Which one will replace the question mark ?



[A] 1

[B] 2

[C] 3

[D] 4

Answer : [A]

Explanation:

$$(2)^2 = 4$$

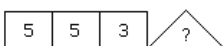
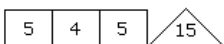
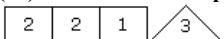
$$(8)^2 = 64$$

$$(5)^2 = 25$$

$$(1)^2 = 1.$$

www.myexamportal.com | www.couponlal.com | www.examlal.com | www.joblal.com | www.examyou.com

(12) Which one will replace the question mark ?



[A] 11

[B] 19

[C] 15

[D] 22

Answer : [D]

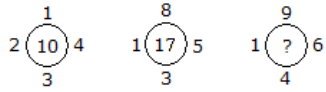
Explanation:

$$(2 \times 2 - 1) = 3$$

$$\text{and } (5 \times 4 - 5) = 15$$

$$(5 \times 5 - 3) = 22.$$

(13) Which one will replace the question mark ?



- [A] 18
- [B] 20
- [C] 21
- [D] 19

Answer : [B]

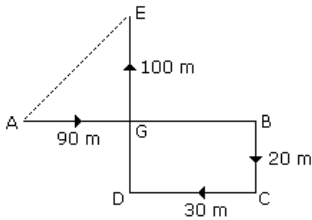
Explanation:

1 + 2 + 3 + 4 = 10
 and 1 + 8 + 3 + 5 = 17
 Similarly, 1 + 9 + 4 + 6 = 20.

(14) A child went 90 m in the East to look for his father, then he turned right and went 20 m. After this he turned right and after going 30 m he reached to his uncle's house. His father was not there. From there he went 100 m to his north and met his father. How far did he meet his father from the starting point?

- [A] 80 m
- [B] 100 m
- [C] 140 m
- [D] 260 m

Answer : [B]



$$\begin{aligned}
 \text{Required distance} &= AE \\
 &= \sqrt{AG^2 + EG^2} \\
 &= \sqrt{(90 - 30)^2 + (100 - 20)^2} \\
 &= \sqrt{(60)^2 + (80)^2} \\
 &= \sqrt{3600 + 6400} \\
 &= \sqrt{10000} \\
 &= 100 \text{ m}
 \end{aligned}$$

Explanation:

(15) One morning after sunrise, Suresh was standing facing a pole. The shadow of the pole fell exactly to his right. To which direction was he facing?

- [A] East
- [B] South
- [C] West
- [D] Data is inadequate

Answer : [B]

Explanation: Sun rises in the east in the morning. Since the shadow of Suresh falls to his right. So he is facing South.

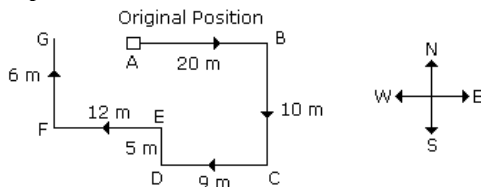
www.myexamportal.com | www.couponlal.com | www.examlal.com | www.joblal.com | www.examy.com

(16) Sundar runs 20 m towards East and turns to right and runs 10 m. Then he turns to the right and runs 9 m. Again he turns to right and runs 5 m. After this he turns to left and runs 12 m and finally he turns to right and 6 m. Now to which direction is Sundar facing?

- [A] East
- [B] West
- [C] North
- [D] South

Answer : [C]

Explanation:



Therefore, it is clear that Sundar will face towards North.

www.myexamportal.com | www.couponlal.com | www.examlal.com | www.joblal.com | www.examy.com

(17) In a caravan, in addition to 50 hens, there are 45 goats and 8 camels with some keepers. If the total number of feet be 224 more than the number of heads in the caravan, the number of keepers is

- [A] 5
- [B] 8
- [C] 10
- [D] 15

Answer : [D]

Explanation:

Let number of keepers be x . Then,

Total number of feet = $2 \times 50 + 4 \times 45 + 4 \times 8 + 2x = 2x + 312$.

Total number of heads = $50 + 45 + 8 + x = 103 + x$.

Therefore $(2x + 312) = (103 + x) + 224$ or $x = 15$.

www.myexamportal.com | www.couponlal.com | www.examlal.com | www.joblal.com | www.examy.com

(18) A monkey climbs 30 feet at the beginning of each hour and rests for a while when he slips back 20 feet before he again starts climbing in the beginning of the next hour. If he begins his ascent at 8.00 a.m., at what time will he first touch a flag at 120 feet from the ground?

- [A] 4 p.m.
- [B] 5 p.m.
- [C] 6 p.m.
- [D] None of these

Answer : [C]

Explanation:

Net ascent of the monkey in 1 hour = $(30 - 20)$ feet = 10 feet.

So, the monkey ascends 90 feet in 9 hours i.e. till 5 p.m.

Clearly, in the next 1 hour i.e. till 6 p.m. the monkey ascends remaining 30 feet to touch the flag.

www.myexamportal.com | www.couponlal.com | www.examlal.com | www.joblal.com | www.examy.com

(19) Between two book-ends in your study are displayed your five favourite puzzle books. If you decide to arrange the five books in every possible combination and moved just one book every minute, how long would it take you ?

- [A] 1 hour

[B] 2 hours

[C] 3 hours

[D] 4 hours

Answer : [B]

Explanation:

Clearly, number of ways of arranging 5 books = $5! = 5 \times 4 \times 3 \times 2 \times 1 = 120$.

So, total time taken = 120 minutes = 2 hours.

www.myexamportal.com | www.couponlal.com | www.examlal.com | www.joblal.com | www.examy.com

(20) A placed three sheets with two carbons to get two extra copies of the original. Then he decided to get more carbon copies and folded the paper in such a way that the upper half of the sheets were on top of the lower half. Then he typed. How many carbon copies did he get?

[A] 1

[B] 2

[C] 3

[D] 4

Answer : [B]

Explanation:

Since the number of carbons is 2, only two copies can be obtained.

www.myexamportal.com | www.couponlal.com | www.examlal.com | www.joblal.com | www.examy.com
