

Book For
Bihar State Power Holding Company Ltd (BSPHCL)



BSPHCL 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) _ op _ mo _ n _ _ pnmop _ .

[A] mnpmon

[B] mpnmop

[C] mnompn

[D] mnpomn

Answer : [A]

Explanation:

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

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

(2) _ bcc _ ac _ aabb _ ab _ cc

[A] aabca

[B] abaca

[C] bacab

[D] bcaca

Answer : [C]

Explanation:

The series is bcca/caab/abcc. Thus, the letter pairs move in a cyclic order.

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

(3) bca _ b _ aabc _ a _ caa

[A] acab

[B] bccb

[C] cbab

[D] ccab

Answer : [A]

Explanation:

The series is bcaa/baac/caab. Thus, the pattern 'bcaa' is repeated.

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

(4) ab _ d _ aaba _ na _ badna _ b

[A] andaa

[B] babda

[C] badna

[D] dbanb

Answer : [A]

Explanation:

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

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

(5) Arrange the words given below in a meaningful sequence.

1. College 2. Child 3. Salary 4. School 5. Employment

[A] 1, 2, 4, 3, 5

[B] 2, 4, 1, 5, 3

[C] 4, 1, 3, 5, 2

[D] 5, 3, 2, 1, 4

Answer : [B]

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

(6) Arrange the words given below in a meaningful sequence.

1. Post-box 2. Letter 3. Envelope 4. Delivery 5. Clearance

[A] 2, 3, 1, 4, 5

[B] 3, 2, 1, 4, 5

[C] 3, 2, 1, 5, 4

[D] 3, 2, 4, 5, 1

Answer : [C]

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

(7) Arrange the words given below in a meaningful sequence.

1. Mother 2. Child 3. Milk 4. Cry 5. Smile

[A] 1, 5, 2, 4, 3

[B] 2, 4, 1, 3, 5

[C] 2, 4, 3, 1, 5

[D] 3, 2, 1, 5, 4

Answer : [B]

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

(8) Arrange the words given below in a meaningful sequence.

1. Puberty 2. Adulthood 3. Childhood
4. Infancy 5. Senescence 6. Adolescence

[A] 2, 4, 6, 3, 1, 5

[B] 4, 3, 1, 6, 2, 5

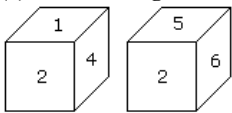
[C] 4, 3, 6, 2, 1, 5

[D] 5, 6, 2, 3, 4, 1

Answer : [B]

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

(9) When the digit 5 is on the bottom then which number will be on its upper surface?



[A] 1

[B] 3

[C] 4

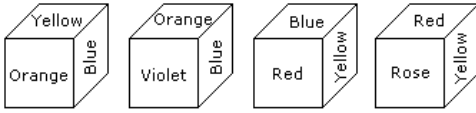
[D] 6

Answer : [A]

Explanation: According to the rule no. (3), common faces with number 2 are in same positions. Hence when the digit 5 is on the bottom then 1 will be on the upper surface.

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

(10) From the four positions of a dice given below, find the color which is opposite to yellow ?



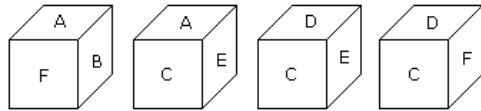
- [A] Violet
- [B] Red
- [C] Rose
- [D] Blue

Answer : [A]

Explanation: The colours adjacent to yellow are orange, blue, red and rose. Hence violet will be opposite to yellow.

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

(11) From the positions of a cube are shown below, Which letter will be on the face opposite to face with 'A'?



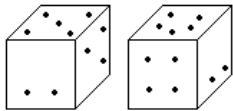
- [A] D
- [B] B
- [C] C
- [D] F

Answer : [A]

Explanation: The letters of the adjacent faces to the face with letter A, are B, F, C and E. Hence D is the letter of the face opposite to the face with letters (A).

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

(12) Two positions of a dice are shown below. When 3 points are at the bottom, how many points will be at the top?



- [A] 2
- [B] 5
- [C] 4
- [D] 6

Answer : [C]

Explanation: According to the rule (2) when 3 points are at the bottom then 4 points will be at the top.

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

(13) 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

(14) 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

(15) An enterprising businessman earns an income of Re. 1 on the first day of his business. On every subsequent day, he earns an income which is just double of that made on the previous day. On the 10th day of business, his income is

- [A] Rs. 2^9
- [B] Rs. 2^{10}
- [C] Rs. 10
- [D] Rs. 10^2

Answer : [A]

Explanation:

Income on the first day = Re. 1.
Income on the 2nd day = Rs. $(1 \times 2) = \text{Rs. } 2^1$.
Income on the 3rd day = Rs. $(2^1 \times 2) = \text{Rs. } 2^2$ and so on. Thus, Income on the n th day = Rs. 2^{n-1} .
Therefore Income on the 10th day = Rs. 2^9 .

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

(16) 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

(17) Nitin's age was equal to square of some number last year and the following year it would be cube of a number. If again Nitin's age has to be equal to the cube of some number, then for how long he will have to wait?

- [A] 10 years
- [B] 38 years
- [C] 39 years
- [D] 64 years

Answer : [B]

Explanation:

Clearly, we have to first find two numbers whose difference is 2 and of which the smaller one is a perfect square and the bigger one a perfect cube. Such numbers are 25 and 27.
Thus, Nitin is now 26 years old. Since the next perfect cube after 27 is 64,
so required time period = (64 - 26) years = 38 years.

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

(18) On Children's Day, sweets were to be equally distributed among 175 children in a school. Actually on the Children's Day, 35 children were absent and therefore each child got 4 sweets extra. Total how many sweets were available for distribution ?

[A] 2400

[B] 2480

[C] 2680

[D] 2800

Answer : [D]

Explanation:

Let total number of sweets be x . Then,

$$\frac{x}{140} - \frac{x}{175} = 4 \Leftrightarrow 5x - 4x = 4 \times 700 \Leftrightarrow x = 2800.$$

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

(19) 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

(20) A printer numbers the pages of a book starting with 1 and uses 3189 digits in all. How many pages does the book have ?

[A] 1000

[B] 1074

[C] 1075

[D] 1080

Answer : [B]

Explanation:

No. of digits in 1-digit page nos. = $1 \times 9 = 9$.
No. of digits in 2-digit page nos. = $2 \times 90 = 180$.
No. of digits in 3-digit page nos. = $3 \times 900 = 2700$.
No. of digits in 4-digit page nos. = $3189 - (9 + 180 + 2700) = 3189 - 2889 = 300$.
Therefore No. of pages with 4-digit page nos. = $(300/4) = 75$.
Hence, total number of pages = $(999 + 75) = 1074$.

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