



**BAL BHARATI PUBLIC SCHOOL, PITAMPURA, DELHI- 110034**

**CRITICAL THINKING WORKSHEET - 1**  
**ENGLISH**  
**CLASS VIII**

**Q1. Read the following passage and answer the questions that follow:**

The Indian Owl Festival, the country's first owl fest, was held at Pingori village in Purandar taluka of Pune. The two-day festival, organised by Ela Foundation, an NGO working towards nature education and conservation, gave information on owl conservation and featured art forms like pictures, paintings, lanterns, lamp shades, posters, origami, stitched articles, poems and stories on owls.



It was a first-of-its-kind festival in the country that was organised with the intention of creating awareness about owl as a bird and debunking numerous superstitions associated with it," said Dr Satish Pande, director of Ela Foundation and a professor of ornithology at Savitribai Phule Pune University.

The foundation conducted exhibitions of art works sent by around 1,200 students, exhibition of owl photos from some of the leading owl photographers, sculptures, and rangolis. Skits were performed and short films on owls were also screened.

a) **The festival was organized with the intention of**

- i) celebrating an owl's birthday.
- ii) celebrating Ela Foundation's anniversary.
- iii) creating awareness about owl.
- iv) exhibiting art forms.

b) **The various art forms featured**

- i) the owl and its family.
- ii) the talent of the famous artists.
- iii) the newly designed logo of the foundation.
- iv) the paintings and stories on owl.

c) **'Ornithology' is the \_\_\_\_\_.**

- i) the study of birds.
- ii) the study of human beings.
- iii) the study of drawings.
- iv) the study of festivals.

d) **The synonym of "exposing" is \_\_\_\_\_.**

- i) superstitions
- ii) debunking
- iii) awareness
- iv) screened

e) **"first of its kind" means**

- i) the first kind of owl.
- ii) first ever
- iii) first painting
- iv) first superstition

**Q2. You don't have to be a kid to love cartoon characters, although childhood is when, many of us first fell in love with them.**



Q3. Unscramble the letters to find the words from the list below-

**UNSCRAMBLE  
THE SCRAMBLE**

L G S A S	_____
L L A I C	_____
A T S G H	_____
N E R N A B	_____
P A E C R T	_____
B I C R K	_____
L O S A M N	_____
O Q L T S	_____

WORD LIST-

SALMON

LILAC

BRICK

CARPET

TOOLS

BANNER

GLASS

GHAAT



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**MENTAL AGILITY**

**TOPIC – MISSING CHARACTER**

**LEVEL – 1(ANSWER KEY)**

**SERIAL NO. 2**

Answer 1: Option A

Explanation:

The Pattern is  $4 \times 2 + 1 = 9$ ,  $9 \times 2 + 2 = 20$ ,  $20 \times 2 + 3 = 43$ ,  $43 \times 2 + 4 = 90$ ,  $90 \times 2 + 5 = 185$ . So missing number is 185.

Answer 2: Option D

Explanation:

By going in clockwise direction we find the following pattern

$5 \times 1 = 5$ ;  $5 \times 2 = 10$ ;  $10 \times 3 = 30$ ;  $30 \times 4 = 120$ ;  $120 \times 5 = 600$ .

$600 \times 6 = 3600$ . And  $3600 \times 7 = 25200$

Answer 3: Option A

Explanation:

Going anticlockwise starting from 1, numbers are 13, 23, 33, 43. So missing number is 64

Answer 4: Option A

Explanation:

Going clockwise starting with 6 pattern is  $6 = 22 + 2$ ,  $12 = 32 + 3$ ,

$20 = 42 + 4$ ,  $30 = 52 + 5$ ,  $42 = 62 + 6$

$56 = 72 + 7$ ,  $72 = 82 + 8$ , so missing number is  $92 + 9 = 90$ .

Answer 5: Option A

Explanation:

In the first row,  $72 \div (24/2) = 72 \div 12 = 6$ .

In the second row,  $96 \div (16/2) = 96 \div 8 = 12$ .

Let the missing number in the third row be y.

Then,  $108 \div (y/2) = 18$  or  $y/2 = 108/18 = 6$  or  $y = 12$ .

Answer 6: Option C

Explanation:

The sequence in the first column is  $\times 5$ . Thus,  $1 \times 5 = 5$ ,  $5 \times 5 = 25$ ,  $25 \times 5 = 125$ .

The sequence in the third column is  $\times 2$ . Thus,  $7 \times 2 = 14$ ,  $14 \times 2 = 28$ ,  $28 \times 2 = 56$ .

The sequence in the second column is  $\times 4$ .

$\therefore$  Missing number =  $12 \times 4 = 48$ .

Answer 7: Option D

Explanation:

The digits are reversed.

Answer 8: Option C

Explanation:

The pattern is:  $6 \times 5 + 3 \times 3 = 39$ ,  $4 \times 4 + 7 \times 5 = 51$ ,  $3 \times 4 + 5 \times 5 = 37$

So missing number is 37.

Answer 9: Option A

Explanation:

$15 \times 6 = 90$ ,  $9 \times 10 = 90$

Answer 10: Option D

Explanation:

$$5^2 = 25,$$

$$8^2 = 64,$$

$$2^2 = 4,$$

Similarly  $1^2 = 1$