

NTSE

Mirror and Water Images

MIRROR & WATER IMAGES

MIRROR IMAGES

Here questions are based on criteria that few figures are given and you have to find out of which one is exact image of the given figure by the mirror placed aside. This image formation is based on the principle of 'LATERAL INVERSION' which implies that size of the image is equal to the size of the object but both sides are changed. The left portion of the object is seen on the right portion and right portion of the object is seen on the left portion. For example mirror image of ABC =A.

NOTE:

There are '11' letters in English Alphabet which have identical mirror images as
A, H, I, M, O, T, U, V, W, X, Y

I. Mirror Images of capital letters & small letters.

A	A	N	И	a	ɹ	n	n
B	Ɔ	O	O	b	d	o	o
C	Ɔ	P	q	c	ɔ	p	q
D	D	Q	Q	d	b	q	p
E	Ǝ	R	Я	e	ɛ	r	ɿ
F	ɹ	S	ɹ	f	ɟ	s	ɹ
G	Ɔ	T	T	g	ɹ	t	ɿ
H	H	U	U	h	ɹ	u	u
I	I	V	V	i	i	v	v
J	ɿ	W	W	j	ɿ	w	w
K	Ɔ	X	X	k	ɿ	x	x
L	J	Y	Y	l	ɿ	y	ɿ
M	M	Z	Ɔ	m	ɿ	z	Ɔ

II. Mirror Images of Numbers.

0	0	6	9
1	1	7	ɿ
2	Ɔ	8	8
3	Ǝ	9	ɹ
4	ɹ	10	0ɿ
5	ɹ		

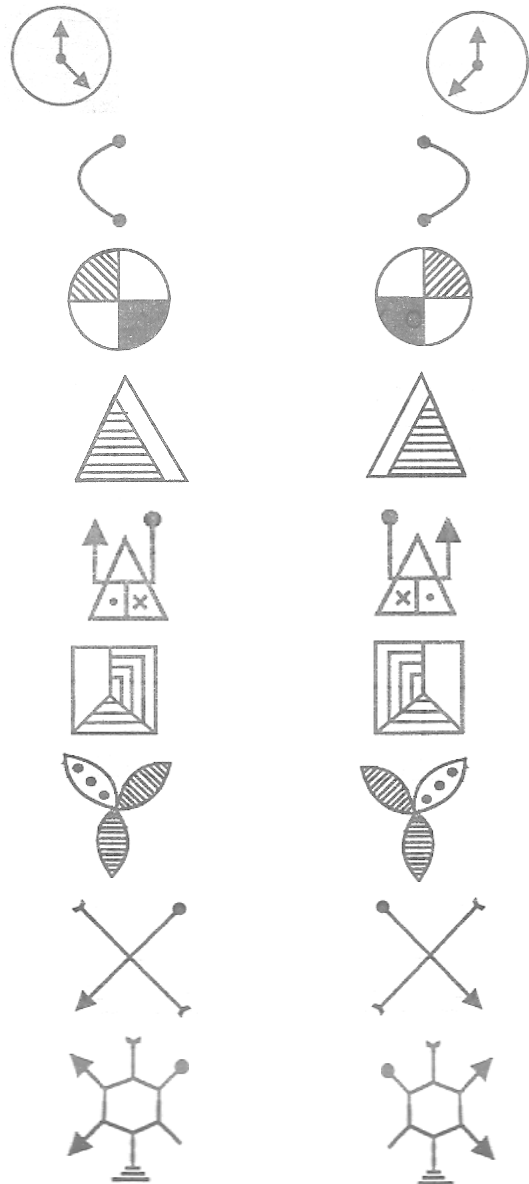
Reflection of an object into the mirror is called mirror-image. It is obtained by inverting an object laterally i.e. towards the sides. Example of lateral inversions of few figures and words are given below.

Objects having Different Mirror Images:

OBJECTS



MIRROR IMAGES



Mirror images of certain words and numbers:

Words

PREDICTION
HOSPITAL
DARPA
STRIDENT
OPULENT
SARCASM
LIBERAL
OFFENCE
ADVANCE
IMAGES

Mirror images

NOITCEDIP
LAPSIH
APAPD
TNEIDRTS
TNEPUL
MSACRAS
LAPERIL
ECNEFFO
ECNACDA
SEGIAM

Number

32596
8932
868
786

Mirror Images

62532
2398
868
687

10190
5693
8964
7362
5893
7839

00101
3002
4008
2037
3082
7082

WATER IMAGE

Water-image: The reflection of an object as seen in water is called its water image. It is the inverted image obtained by turning the object upside down.

NOTE: There are '7' letters in English Alphabet which have identical water-images as C, D, E, H, I, O, X.

Water-images of capital letters

Letters	A	B	C	D	E	F	G	H	I	J	K	L	M
Water-Image	V	B	C	D	E	F	G	H	I	J	K	L	M
Letters	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Water-Image	N	O	b	Q	R	S	T	U	V	W	X	Y	Z

Water-Images of small letters

Letters	a	b	c	d	e	f	g	h	i	j	k	l	m
Water-Image	s	p	c	q	e	f	g	h	i	j	k	l	m
Letters	n	o	p	q	r	s	t	u	v	w	x	y	z
Water-Image	n	o	b	q	r	s	t	u	v	w	x	y	z

Water-Images of numbers

Numbers	0	1	2	3	4	5	6	7	8	9
Water-Image	0	1	2	3	4	5	6	7	8	9

EXERCISE

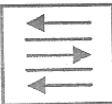
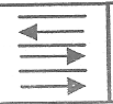
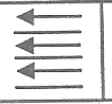
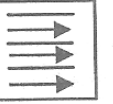
Directions: (1 to 17) In each of the following questions, choose the correct mirror image from alternatives A, B, C, and D of the Word / figure (X).

- VINAYAKA
(A) INVAYAKA (B) AKAYANIIV
(C) AKAYANIIV (D) AKAYANIV
- VERBAL
(A) LABREV (B) LRVEBA
(C) REVBAL (D) VERBAL
- CONSOLIDATE
(A) ETADILOSNO (B) ETADILOSNO
(C) TAECONSOLID (D) OCNSOLIDATE

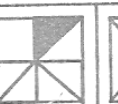
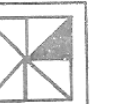
- JUDGEMENT
(A) TNEMEGDUJ (B) TJUDGEMENT
(C) JUDGEMENT (D) DJUGEMNET
- TRAIN1014A
(A) A1014ARTAIN (B) A3101NIARAT
(C) AR10ARTAIN1 (D) 1A01NIARAT

- 

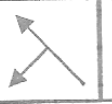
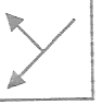
(X)

(A)  (B)  (C)  (D) 
- 

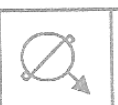
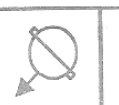
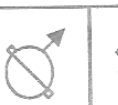
(X)

(A)  (B)  (C)  (D) 
- 

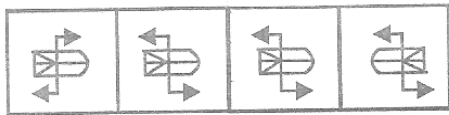
(X)

(A)  (B)  (C)  (D) 
- 

(X)

(A)  (B)  (C)  (D) 
- 

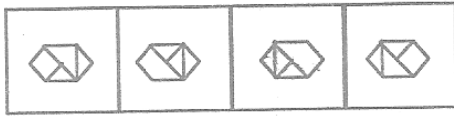
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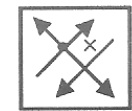
(A) (B) (C) (D)



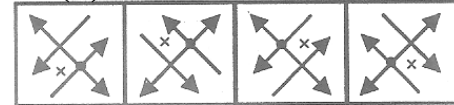
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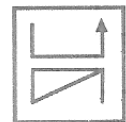
(A) (B) (C) (D)



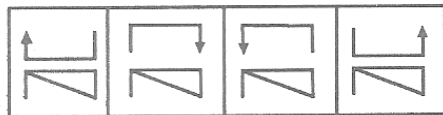
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(A) (B) (C) (D)



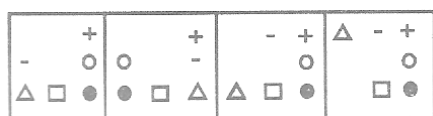
(X)



(A) (B) (C) (D)



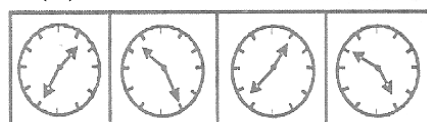
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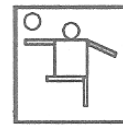
(A) (B) (C) (D)



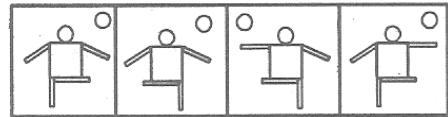
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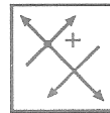
(A) (B) (C) (D)



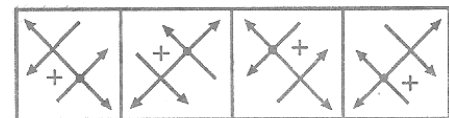
(X)



(A) (B) (C) (D)



(X)



(A) (B) (C) (D)

Directions: (18 to 33) In each of the following questions, choose the correct water-image from alternatives A, B, C, and D of the Word / figure (X)

18. 96FSH52

(A) 96FSH52
96FSH52

(B) 96FSH52
96FSH52

(C)

(D)

19. 50JA32DEO6

(A) 50JA32DEO6
50JA32DEO6

(B) 50JA32DEO6
50JA32DEO6

(C)

(D)

20. RAJ589D8

(A) RAJ589D8
RAJ589D8

(B) RAJ589D8
RAJ589D8

(C)

(D)

21. monday

(A) yadnom
(C) laquow

(B) yabnom
(D) wouqay

22. wrote

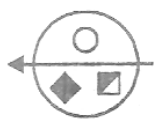
(A) w10f9
w10f9

(B) w10f9
w10f9

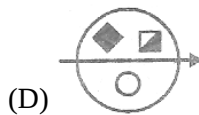
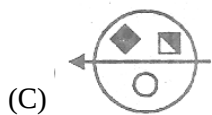
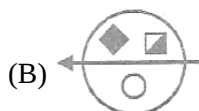
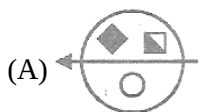
(C)

(D)

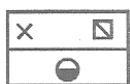
23.



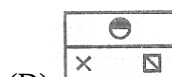
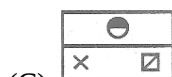
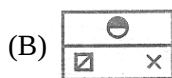
(X)



24.



(X)



25.



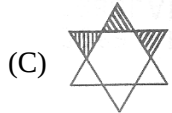
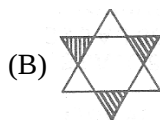
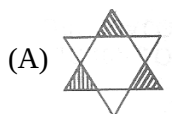
(X)



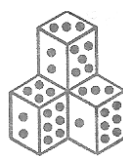
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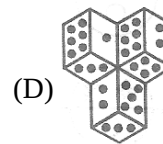
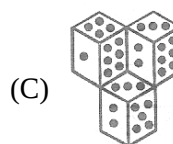
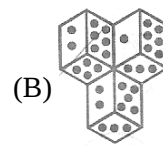
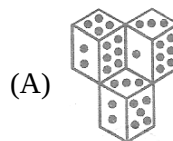
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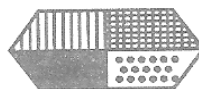
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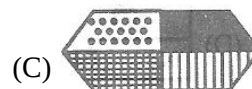
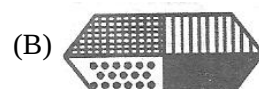
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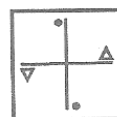
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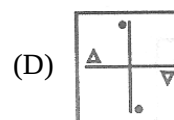
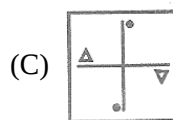
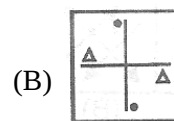
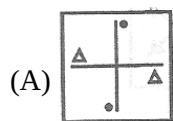
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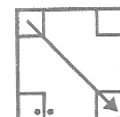
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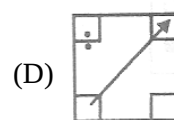
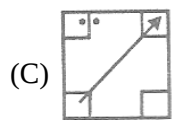
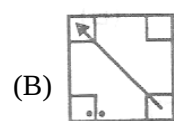
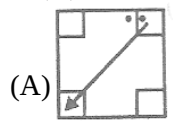
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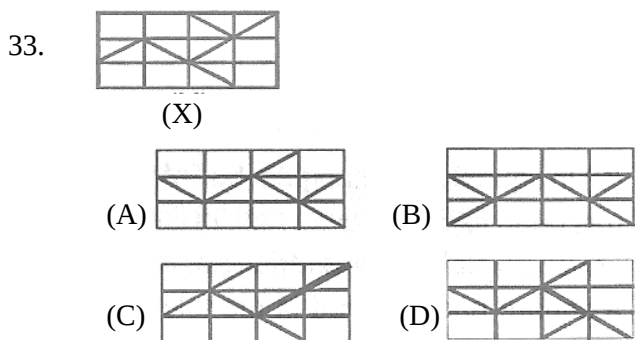
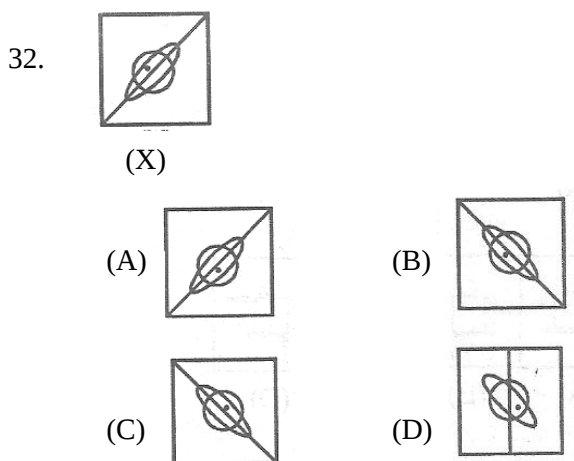
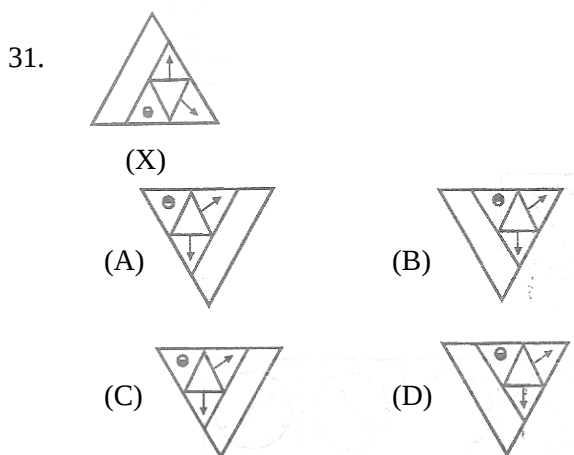


30.



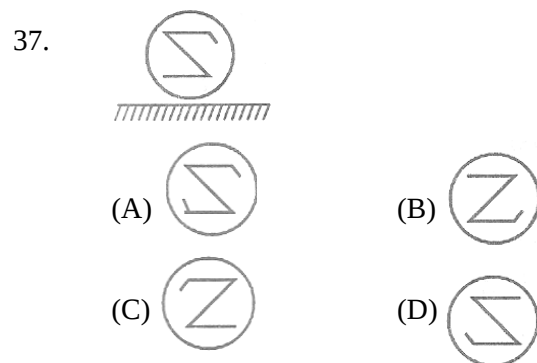
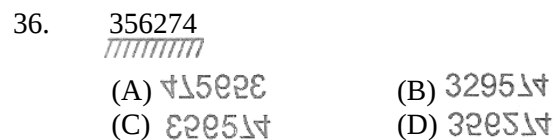
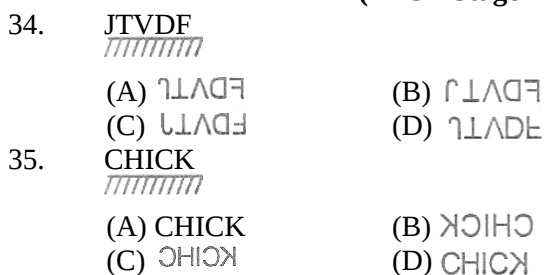
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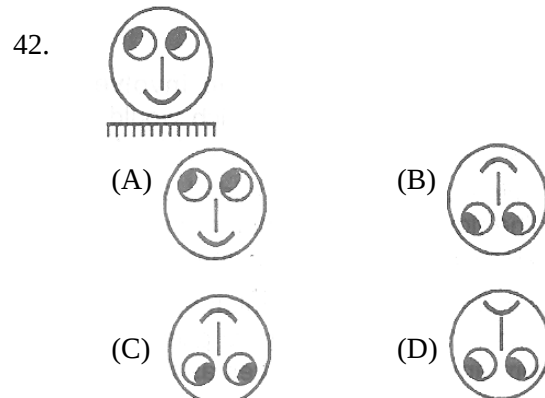
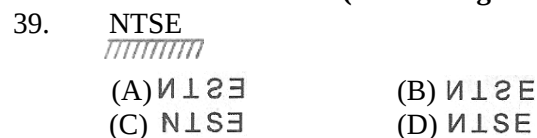
Directions: (34 to 38) In the following questions, you have to visualize the image of the item (letter/word/number/figure) in the water. The water source is below the item. Choose the water image from the alternatives.

(NTSE Stage-II, 2007)



Directions: (39 to 43) In the following questions you have to visualize the image of the item (Letter/word/number/figures) in the mirror. The mirror is below number/figures) in the mirror. The mirror is below the item. Choose the mirror image from the alternative.

(NTSE Stage-I/Raj./2008)



An analog clock face with numbers 12, 3, 6, and 9. The hour hand points to 12 and the minute hand points to 3. Below the clock is a ruler with markings from 0 to 10.An analog clock face with numbers 12, 3, 6, and 9. The hour hand points to 12 and the minute hand points to 3, indicating the time is 3:00.

(NTSE stage-II, 2008)

(B) 16λ91B
(D) 16λ91A

(B) $\frac{1}{2} \pi$

(D) $\frac{1}{4} \pi$

[illegible]