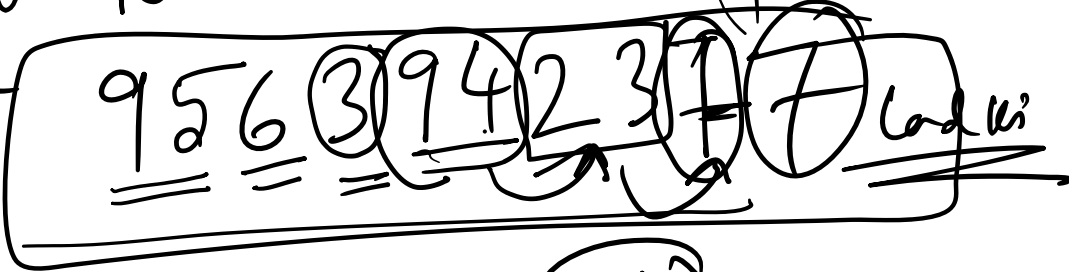


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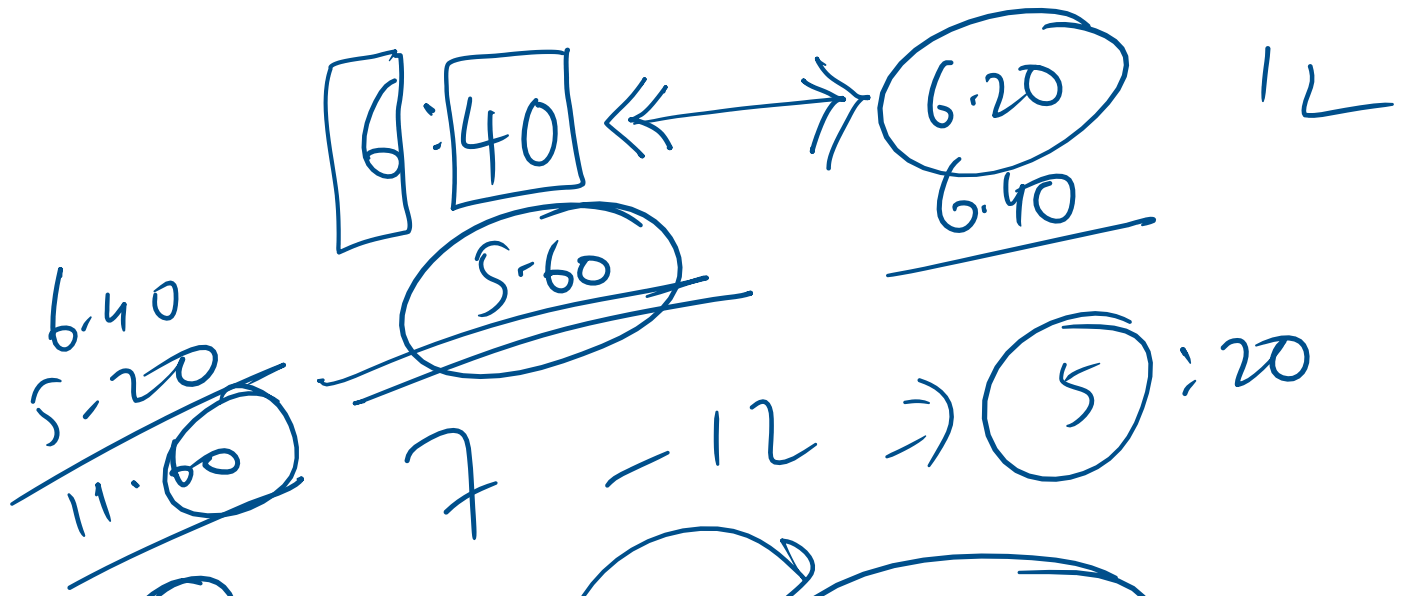
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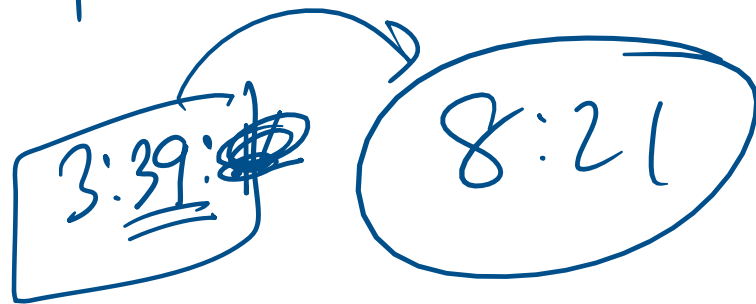
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Water Image

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mirror

Mirror and Water Images

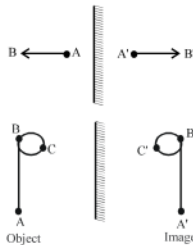
Mirror Images

In this category questions are based on the criteria that a few figures are given and you have to find out which one is the exact image of the given figure in a mirror placed in front of it. 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 interchanged. The left portion of the object is seen on the right side and right portion of the object is seen on the left side. For example, mirror image of ABC = CBA.

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

Characteristics of Reflection by plane mirror

1. Perpendicular distance of object from mirror = Perpendicular distance of image from mirror.
2. The image is laterally inverted.



3. The line joining the object point with its image is normal to the reflecting surface.
4. The size of the image is the same as that of the object.

E.g -1: Mirror-images of certain words are given below :

(1) FUN : FUN

(2) GOLKONDA : AONKONDOL

E.g -2: Mirror-image of certain combinations of alphabets and numbers are given below :

(1) BMC49JN2317 : 7132N1J94CMB

(2) 15bg82XQh : h1QX28g21

I. Mirror Images of Capital Letters

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

II. Mirror Images of Small Letters

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

III. Mirror Images of Numbers

0	0	6	6
1	1	7	7
2	2	8	8
3	3	9	9
4	4	10	10
5	5		

Examples of lateral inversion of few figures and words are given below :

IV. Mirror Images of Various Objects :

Objects	Mirror images	Objects	Mirror images

V. Mirror Images of Certain Words and Numbers:

Words	Mirror images	Numbers	Mirror images
PREDICTION	NOIT3ICNI0	32596	00222
HOSPITAL	LATIP30H	8932	2102
DARPAH	3868	868	868
STRIDENT	T3RID3T	786	087
OPULENT	T3L3T	10100	00101
SARCASM	M3R3M	5693	2002
LIBERAL	L3B3R	8964	4004
OFFENCE	E3F3N	7362	2002
ADVANCE	E3V3N	5893	2002
IMAGES	3M3G	7839	0839

VI. Mirror Images of Clock:

There are certain questions in which the position of the hour-hand and the minute-hand of a clock as seen in a mirror are given. On the basis of the time indicated by the mirror-image of the clock we have to detect the actual time in the clock. In the solution of such questions we use the fact that if an object A is the mirror-image of another object B then B is the mirror-image of A.

Time of image in plane mirror

- (a) Real time = X^H , Image time = $12^H - X^H$ (H = hours)
- (b) Real time = $X^H Y^M$, Image time = $11^H 60^M - X^H Y^M$ (M = minutes)
- (c) Real time = $X^H Y^M Z^S$, Image time = $11^H 59^M 60^S - X^H Y^M Z^S$ (S = seconds)
- (d) if $X^H Y^M Z^S > 11^H 59^M 60^S$, image time = $23^H 59^M 60^S - X^H Y^M Z^S$

Quick Tip

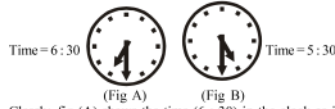
Whenever you have to solve a mirror image question, imagine a mirror placed in front of the object and then try to find its inverted image. The portion of the object that is near the mirror will now be the portion of the image near to the mirror in the inverted form.

ILLUSTRATION 1 :

By looking in a mirror, it appears that it is 6 : 30 in the clock. What is the real time ?

- (1) 6 : 30
- (2) 3 : 30
- (3) 6 : 00
- (4) 4 : 30

Sol. (2)



Clearly, fig (A) shows the time (6 : 30) in the clock as it appears in a mirror. Then its mirror-image i.e. Fig (B) shows the actual time in the clock i.e. 5 : 30. You can solve it quickly if you remember that the sum of actual time and image time is always 12 hours.

DIRECTIONS (ILLUSTRATION 2-6) :

Find the correct option for the mirror image for the following examples.

ILLUSTRATION 2 :



- (1) W A T E R
- (2) R E T E W
- (3) W A R E T
- (4) R E T A W

Sol. (4) We have to find the correct mirror image for the word 'WATER' for which we need to find the mirror image for each letter separately and then arrange it, like the mirror image for the letters W is W, A is A, T is T, E is E and R is R. Since, the word ends with R, i.e., where the mirror is placed, therefore the mirror image will start from the mirror images of R, i.e.; R. Thus the mirror image for water is R E T A W

W A T E R | R E T A W

Thus option (4) is the correct answer.

ILLUSTRATION 3 :

d e a r | ?

- (1) b e s t
- (2) t s o b
- (3) d e s t
- (4) t s o b

Sol. (2) Mirror image for 'd' is 'b', 'e' is 'o', 'a' is 'o' and 'r' is 't'

d e a r | t s o b

Thus, option (2) is the correct answer.

Handwritten notes:
 Right/Left
 Top/Bottom

ILLUSTRATION 4:

8 6 9 5 2 ?

- (1) 8 8 9 2 2 (2) 8 9 8 5 2
 (3) 8 8 2 2 2 (4) 2 2 2 2 8

Sol. (4) Mirror image for '8' is '8', '6' is '9', '9' is '6', '5' is '2' and '2' is '5'.

8 6 9 5 2 2 2 2 8

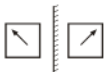
Thus, option (4) is the answer.

ILLUSTRATION 5:



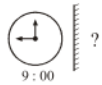
- (1) (2)
 (3) (4)

Sol. (1) The mirror image of a square remains a square while the arrow inside it will be changed.



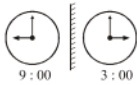
is the mirror image for the given image. Thus option (1) is the correct answer.

ILLUSTRATION 6:



- (1) 12:00 (2) 5:00
 (3) 3:00 (4) 6:00

Sol. (3) The mirror image of circle remains a circle, and the arrow facing north also remains the same but the arrow facing will face East in its mirror image.



Thus, answer is 3:00, i.e., option C.

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.

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 E C H I I K G I W
Letters	N O P Q R S T U V W X Y Z
Water-image	I O 6 0 K 2 1 n A M X A S

Water-images of small letters

Letters	a b c d e f g h i j k l m
Water-image	u p c q c t 8 p i l k j w
Letters	n o p q r s t u v w x y z
Water-image	u o b d i z r n A m x h x

Water-images of numbers

Letters	0 1 2 3 4 5 6 7 8 9
Water-image	0 1 5 3 4 2 6 8 8 8

Note:

- The letters whose water-images are identical to the letter itself are: C, D, E, H, I, K, O, X
- Certain words which have water-images identical to the word itself are:
KICK, KID, CHIDE, HIKE, CODE, CHICK

Quick Tip

Whenever we have to analyze the water image of an object, imagine a mirror or a surface that forms an image just under the given object. The portion of the object that is near the water surface will be inverted but will be near the water surface in the image as well.

DIRECTIONS (ILLUSTRATION 7-11):

Find the correct option for the water images for the following examples.

ILLUSTRATION 7:



- (1) S L O R E (2) S L O R E
 (3) S L O B E (4) 2 L O B E

Sol. (4) In case of water image, the water reflection will usually be formed under the object / word.

In this case, the water image of the word will be an outcome of the water images of each of the letters like, the water images of S is 2, T is L, O is O, R is B and E is E. Thus the water image of the word 'STORE' is '2 L O B E'.



ILLUSTRATION 8:

s c a r y
?

- (1) s c s l λ
- (2) s c a l λ
- (3) s c a j λ
- (4) s c a j λ

Sol. (1) The water image of 's' is 's', 'c' is 'c', 'a' is 'a', 'r' is 'r' and 'y' is 'λ'.
Thus the water images of scary is 's c a r λ'.

ILLUSTRATION 9:

1 6 8 9 2
?

- (1) 1 8 8 8 5
- (2) 1 8 8 8 5
- (3) 1 8 8 8 5
- (4) 1 8 8 8 5

Sol. (2) The water image of '1' is '1', '6' is '9', '8' is '8', '9' is '6' and '2' is '5'.
Thus, the water image of 1 6 8 9 2 is 1 9 8 6 5

ILLUSTRATION 10:



- (1)
- (2)
- (3)
- (4)

Sol. (1) Since, the teddy bear is facing west, in its water image also it will face west. Therefore, options (2) & (3) are ruled out.

Now among options (1) & (4) check the ears and nose of the bear in the actual diagram, it does not have a nose, but the image in option (4) has a nose. Therefore, option (1) is the correct representation.

ILLUSTRATION 11:



- (1)
- (2)
- (3)
- (4)

Sol. (3) Observe the object carefully, the rectangle will remain a rectangle, the diagonal in the object starts from near the water surface in the west side and so will start in the image on the west side. And the arc that is facing North west, will face south-west in the image. Thus option (3) is the correct answer.

Quick Tips

- (i) While solving a question, try eliminating some options and solving the questions will become easier. To eliminate options, keep in mind the pattern used in the object (given diagram whose image is to be formed) as well as the position of mirror or water such that the portion of the object near to the mirror / water will produce the same portion near the mirror / water in an inverted form.
- (ii) Images are images, be it water or mirror, in both the cases an inverted image of the alphabets / numerals / clocks / any other object are formed by inverting the object. Inverting of the object solely depends upon the position of mirror or water surface w.r.t. the object.

Exercise 1 Mirror Images

DIRECTIONS (Q.1 to Q.15) : Find the correct option for the mirror images for the following questions.

1. DREAM ?

- (1) MAERD
- (2) ERD
- (3) MAERD
- (4) MAERD

2. NEWS ?

- (1) SWE
- (2) SWE
- (3) SWE
- (4) SWE

3. jealous ?

- (1) j e a l o u s
- (2) j e a l o u s
- (3) j e a l o u s
- (4) j e a l o u s

4. 312568 ?

- (1) 3 1 2 5 6 8
- (2) 8 6 5 2 1 3
- (3) 8 6 5 2 1 3
- (4) 8 6 5 2 1 3

5. Rotate the mirror image of 'clockwise'.

- (1) B
- (2) B
- (3) B
- (4) B

Handwritten notes and diagrams:

- Handwritten letters: K a m b P z ψ α 7, F x ψ 5 9 2 m
- Handwritten diagrams showing reflections in water and mirrors.
- A large checkmark.

6. Rotate the mirror image 90° anticlockwise.



- (1) 27
- (2) 57
- (3) 57
- (4) 27

7. Rotate the mirror image 90° clockwise.



- (1) Vertical double-headed arrow
- (2) Horizontal double-headed arrow
- (3) Horizontal double-headed arrow
- (4) Vertical double-headed arrow

8. Rotate the mirror image of the given clock 90° clockwise and the time will be.



- (1) 4:45
- (2) 5:45
- (3) 3:45
- (4) 4:30

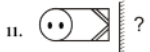
9. Rotate the mirror image 90° clockwise.



- (1) TIME
- (2) EMIT
- (3) TIME
- (4) TIME



- (1) 2:45
- (2) 3:15
- (3) 9:15
- (4) 9:45



- (1) Face with two dots for eyes
- (2) Face with two dots for eyes
- (3) Face with two dots for eyes
- (4) Face with two dots for eyes

12. Rotate the mirror image 90° anticlockwise.



- (1) Question mark
- (2) Question mark
- (3) Question mark
- (4) Question mark

13. Rotate the mirror image 90° anticlockwise.



- (1) TIA ANT
- (2) TIA ANT
- (3) ANT TIA
- (4) ANT TIA

14. Rotate the mirror image 90° anticlockwise.



- (1) 6:15
- (2) 6:05
- (3) 5:05
- (4) 5:15

15. 8934

- (1) 8934
- (2) 8934
- (3) 8934
- (4) 8934

DIRECTIONS (Qs. 16-18) : In each of the following questions, you are given a combination of alphabets and/or numbers followed by alternatives (1), (2), (3) and (4). Choose the alternative which most closely resembles the mirror image of the given combination.

- 16. NATIONAL
 (1) LANOITAN (2) LANOITAN
 (3) LANOITAN (4) LANOITAN
- 17. ANS43Q12
 (1) ANS43Q12 (2) ANS43Q12
 (3) ANS43Q12 (4) ANS43Q12
- 18. 1965INDIAK
 (1) 1965INDIAK (2) 1965INDIAK
 (3) 1965INDIAK (4) 1965INDIAK
- 19. Which of the following collection of letters will look the same in the mirror?
 (1) OSMIHOM (2) VHRTRVH
 (3) HIMOSTA (4) AOVIVOA

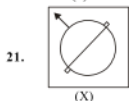
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B
B
L
L
B

Mirror and Water Images

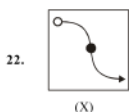
DIRECTIONS (Qs. 20-28) : In each of the following questions, choose the correct mirror-image of the Fig. (X) from amongst the four alternatives (1), (2), (3) and (4) given along with it.



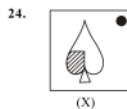
- (1) Square with diagonal from top-left to bottom-right and arrow pointing from top-left to bottom-right.
- (2) Square with diagonal from top-right to bottom-left and arrow pointing from top-right to bottom-left.
- (3) Square with diagonal from top-left to bottom-right and arrow pointing from top-right to bottom-left.
- (4) Square with diagonal from top-right to bottom-left and arrow pointing from top-left to bottom-right.



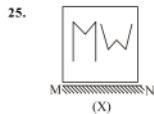
- (1) Circle with diagonal from top-left to bottom-right and arrow pointing from top-left to bottom-right.
- (2) Circle with diagonal from top-right to bottom-left and arrow pointing from top-right to bottom-left.
- (3) Circle with diagonal from top-left to bottom-right and arrow pointing from top-right to bottom-left.
- (4) Circle with diagonal from top-right to bottom-left and arrow pointing from top-left to bottom-right.



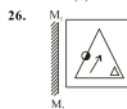
- (1) Square with curved arrow starting from top-left and ending at bottom-right.
- (2) Square with curved arrow starting from top-right and ending at bottom-left.
- (3) Square with curved arrow starting from top-left and ending at bottom-right.
- (4) Square with curved arrow starting from top-right and ending at bottom-left.



- (1) Spade-shaped card with dot in top-right and shaded area in bottom-left.
- (2) Spade-shaped card with dot in top-left and shaded area in bottom-right.
- (3) Spade-shaped card with dot in top-right and shaded area in bottom-right.
- (4) Spade-shaped card with dot in top-left and shaded area in bottom-left.

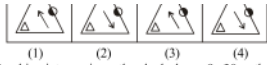
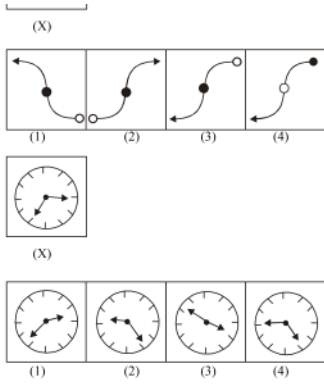


- (1) Letters 'M' and 'W' written above a horizontal line.
- (2) Letters 'W' and 'M' written above a horizontal line.
- (3) Letters 'M' and 'W' written below a horizontal line.
- (4) Letters 'W' and 'M' written below a horizontal line.



- (1) Triangle with dot in top-left and arrow pointing from top-left to bottom-right.
- (2) Triangle with dot in top-right and arrow pointing from top-right to bottom-left.
- (3) Triangle with dot in top-left and arrow pointing from top-right to bottom-left.
- (4) Triangle with dot in top-right and arrow pointing from top-left to bottom-right.

27. Looking into a mirror, the clock shows 9:30 as the time. The actual time is



27. Looking into a mirror, the clock shows 9 : 30 as the time. The actual time is
 (1) 2 : 30 (2) 3 : 30
 (3) 4 : 30 (4) 6 : 30
28. A clock seen through a mirror shows quarter to three. What is the correct time shown by the clock ?
 (1) 8 : 15 (2) 9 : 12
 (3) 8 : 17 (4) 9 : 15

DIRECTIONS (Qs. 29-32) : In each of the following questions, you are given a combination of alphabets and/or numbers followed by four alternatives (1), (2), (3) and (4). Choose the alternative which most closely resembles the mirror-image of the given combination.

29. WHITE
 (1) WHITE (2) TIHAW
 (3) ETHIW (4) ETHIW

A-160

Mental Ability Test (MAT)

30. TERMINATE
 (1) TEЯИMЯT (2) TEЯИMЯT
 (3) TEЯИMЯT (4) TEЯИMЯT
31. REASONING
 (1) REASONING (2) REASONING
 (3) REASONING (4) REASONING
32. BR4AQ16H
 (1) BR4AQ16H (2) BR4AQ16H
 (3) BR4AQ16H (4) BR4AQ16H

DIRECTIONS (Qs. 33-40) : In each of the following questions, choose the correct mirror-image of the Fig. (X) from amongst the four alternatives (1), (2), (3) and (4) given along with it.

33. (X) (1) (2) (3) (4)
34. (X) (1) (2) (3) (4)
35. (X) (1) (2) (3) (4)

36. (X) (1) (2) (3) (4)
37. (X) (1) (2) (3) (4)
38. (X) (1) (2) (3) (4)
39. (X) (1) (2) (3) (4)
40. (X) (1) (2) (3) (4)

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Exercise 2 Water Images

DIRECTIONS (for Q.1 to Q.15)

Find the correct option for the water images for the following questions.

1. PLEDGE
 ?
 (1) PГЭDGE (2) ƆГЭDGE
 (3) ƆГЭDGE (4) ƆГЭDGE
2. heLP
 ?
 (1) hеLP (2) ƆheLP
 (3) ƆheLP (4) ƆheLP
3. DOLLAR
 ?
 (1) RALLOR (2) DOLLAR
 (3) DOLLAR (4) DOLLAR

4. absence
 ?
 (1) spæence (2) sqæence
 (3) spæence (4) spæence
5. 918423
 ?
 (1) 018423 (2) 018423
 (3) 018423 (4) 018423
6. What will be the water image of given diagram?
 ?
 (1) Ɔ (2) Ɔ
 (3) Ɔ (4) Ɔ
7. gLad
 ?
 (1) ƆgLad (2) ƆgLad
 (3) ƆgLad (4) ƆgLad

8. SNOW
?
(1) 2NOM (2) SNOM
(3) SNOB (4) SNOB

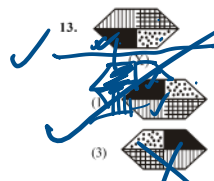




9. drain
?
(1) qleiu (2) qlsju
(3) qlaiu (4) qrsju






10. ZEBRA
?
(1) 2EBBA (2) 2EBBA
(3) 2EBBA (4) 2EBBA

11. 671
?
(1) 911 (2) 911
(3) 170 (4) 011



12. 9283
?
(1) 078 (2) 8588
(3) 3820 (4) 6583

DIRECTIONS (Qs. 13-20) : In each of the following questions, choose the correct **water image** of the figure (X) from amongst the four alternatives (1), (2), (3), (4) given alongside it.



13.  (1)  (2) 
(3)  (4) 

14.  (X)
(1)  (2) 
(3)  (4) 



15.  (X)
(1)  (2) 

- (3)  (4) 

16.  (X)
(1)  (2) 

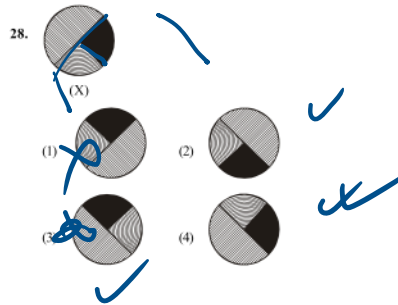
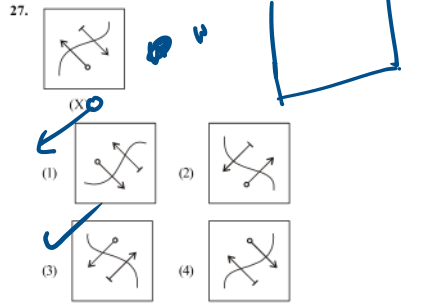
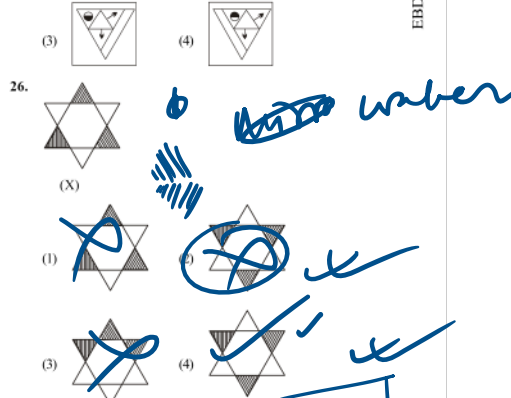
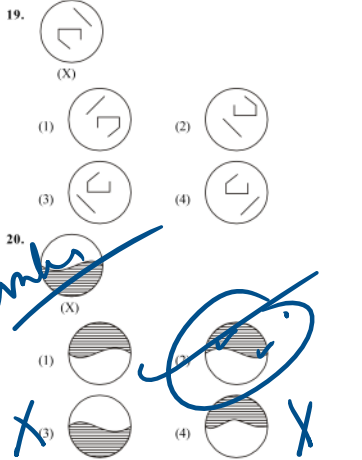
- (3)  (4) 

17.  (X)
(1)  (2) 

- (3)  (4) 

18.  (X)

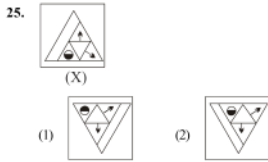
- (1)  (2) 
(3)  (4) 



DIRECTIONS (Qs. 21-24) : In each of the following questions, you are given a combination of alphabets and/or numbers followed by four alternatives (1), (2), (3) and (4). Choose the alternative which most closely resembles the water image of the given combination.

21. FROG
 (1) E K O C (2) GORF
 (3) O O Y J (4) E B O G
22. U4P15B7
 (1) П 4 б 1 2 В 7 (2) П 4 д 1 2 В 1
 (3) П 4 б 1 2 В 1 (4) П 4 б 1 2 В 1
23. GR98AP76ES
 (1) QK68Vb19E2
 (2) QK88Vb19E2
 (3) QK88Vb10E2
 (4) QK88Ab10E2
24. A1M3b
 (1) VIW3P (2) VIW3P
 (3) VIW3P (4) VIW3P

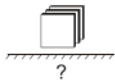
DIRECTIONS (Qs. 25-28) : In each of the following questions, choose the correct water image of the figure (X) from amongst the four alternatives (1), (2), (3) and (4) given along with it.







Mirror and Water Images

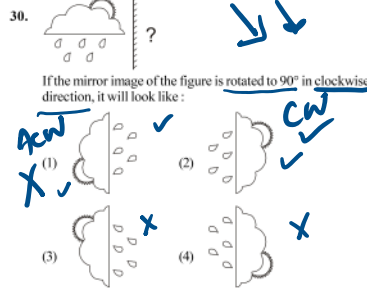
Questions for NTSE

29. Observe the figures below :




First rotate the figure by 90° in clock-wise direction and find out its water reflection from the given alternatives (NTSE)

- (1)  (2) 
- (3)  (4) 

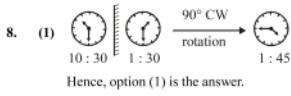


Hints & SOLUTIONS

Exercise - 1

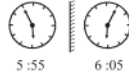
1. (3) Mirror image for the letters 'D' is 'Q', 'R' is 'Я', 'E' is 'Э', 'A' is 'A' and 'M' is 'M'. Since the word ends with M, i.e., where the mirror is placed, therefore the mirror image will start from the mirror image of M, i.e., M. Thus the mirror image for water is МАЭЯQ.
2. (1) Mirror image for the letters 'N' is 'И', 'E' is 'Э', 'W' is 'W' and 'S' is 'З'.
3. (4) Mirror image for the letters 'j' is 'i', 'e' is 'ə', 'a' is 'ə', 'l' is 'j', 'o' is 'o', 'u' is 'u' and 's' is 'z'.
4. (4) Mirror image of numbers — '3' is 'ε', '1' is '1', '2' is '2', '5' is '3', '6' is 'ə' and '8' is '8'.
5. (2) If we rotate the mirror image, i.e., 'ε' 90° clockwise, then it will be 'm'.
6. (3) If we rotate the mirror image, i.e., 'ε' to 90°
10. (1) The mirror image of circle remains a circle and the arrow facing west will face towards east and arrow facing east will face towards west. Thus, time will be 2 : 45.
11. (2) 
- Hence option (2) is the answer.
12. (1) If we rotate the mirror image, i.e., 'ε' to 90° anti-clockwise, then it will be 'm'. Thus, option (1) is the answer.
13. (2) If we rotate the mirror image i.e., 'TIAA' to 90° anti-clockwise, then it will be 'AIIA'. Thus, option B is the answer.
14. (2) The mirror image of circle remains a circle. The arrow

4. (4) Mirror image of numbers — '3' is 'ε', '1' is 'ι', '2' is 'ζ', '5' is 'ϰ', '6' is 'θ' and '8' is 'δ'.
 5. (2) If we rotate the mirror image, i.e., 'θ' 90° clockwise, then it will be 'ϰ'.
 6. (3) If we rotate the mirror image, i.e., 'ζν' to 90° anticlockwise, then it will be 'ϰι'.
 7. (4) If we rotate the mirror image, i.e., '→' to 90° clockwise, then it will be '↓'.



answer.

13. (2) If we rotate the mirror image i.e., 'ТИА' to 90° anticlockwise, then it will be 'Σ'. Thus, option B is the answer.
 14. (2) The mirror image of circle remains a circle. The arrow facing south will also remain the same. But the arrow facing north-west will face north-east.

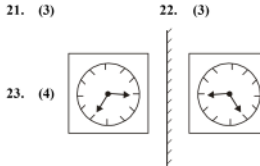
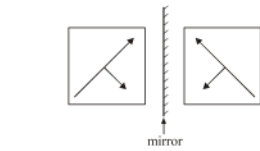


15. (4) Mirror images for the numbers '8' is 'θ', '9' is 'ϰ', '3' is 'ε' and '4' is 'δ'.
 16. (2) 17. (2) 18. (4) 19. (4)
 20. (3) Assume that the mirror is placed on the right hand side of the given object, unless mentioned or drawn near the object.

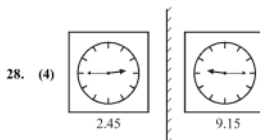
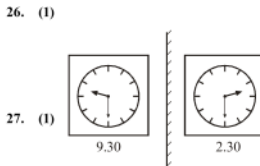
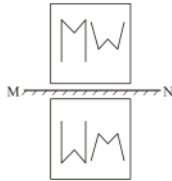
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Mental Ability Test (MAT)

Exercise - 2

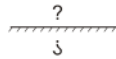


24. (1)
 25. (2) This object has mirror placed under the object.

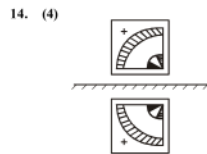
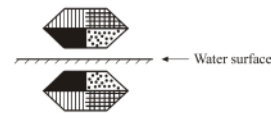


29. (3) 30. (3) 31. (2) 32. (1)
 33. (4) 34. (2) 35. (2) 36. (4)
 37. (4) 38. (3) 39. (1) 40. (3)

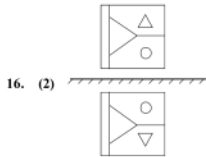
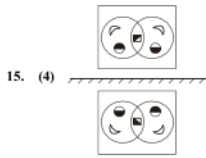
1. (3) The water image of 'P' is 'b', 'L' is 'r', 'E' is 'E', 'D' is 'D', 'G' is 'G' and 'E' is 'E'.
 2. (2) The water image of 'h' is 'μ', 'e' is 'ε', 'L' is 'r' and 'P' is 'b'.
 3. (2) The water image of 'D' is 'D', 'O' is 'O', 'L' is 'r' and 'A' is 'v' and 'R' is 'ε'.
 4. (1) The water image of 'a' is 'g', 'b' is 'p', 'S' is 'ε', 'e' is 'ε', 'n' is 'u', 'c' is 'c' and 'e' is 'ε'.
 5. (4) The water image of number — '9' is 'θ', '1' is 'ι', '8' is 'δ', '4' is 'δ', '2' is 'ζ' and '3' is 'ε'.
 6. (2) The water image of '?' is 'ζ'.



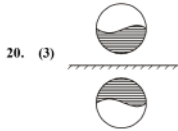
7. (3) The water image of 'g' is 'θ', 'L' is 'r', 'a' is 'g' and 'd' is 'q'.
 8. (1) The water image of 'S' is 'ε', 'N' is 'μ', 'O' is 'O' and 'W' is 'M'.
 9. (2) The water image of 'd' is 'q', 'r' is 'L', 'a' is 'g', 'i' is 'i' and 'n' is 'u'.
 10. (3) The water image of 'Z' is 'Σ', 'E' is 'E', 'B' is 'ε', 'R' is 'ε' and 'A' is 'v'.
 11. (2) The water image of '6' is 'θ', '7' is 'ζ' and '1' is 'ι'.
 12. (3) The water image of '9' is 'θ', '2' is 'ζ', '8' is 'δ' and '3' is 'ε'.
 13. (1) Since, in case of water images, usually the image drawn is just under the actual object. So the shaded and dotted portion will come up on their respective sides, because the portion of the object near water surface will remain near the water surface in case of the image as well.



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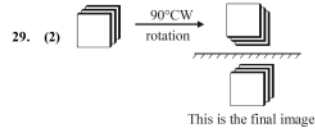


17. (3) 18. (1) 19. (4)

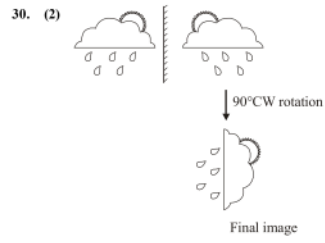


21. (1) 22. (3) 23. (3) 24. (3) 25. (4)
 26. (4) 27. (3) 28. (4)

Solution & Hints for NTSE Questions



Thus option (2) is the correct answer.



Hence option (2) is the answer.

