



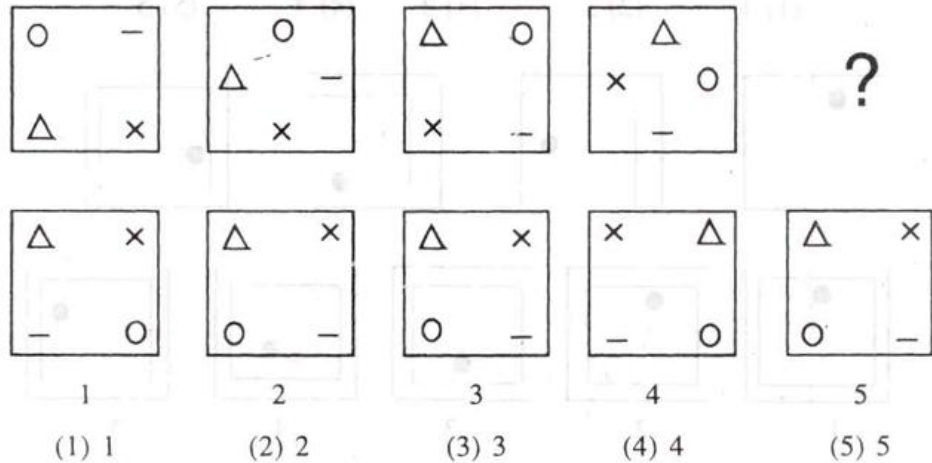
SNS COLLEGE OF TECHNOLOGY
(An Autonomous Institution)
Coimbatore – 641 035
DEPARTMENT OF MATHEMATICS
23GET276 & VQAR-II



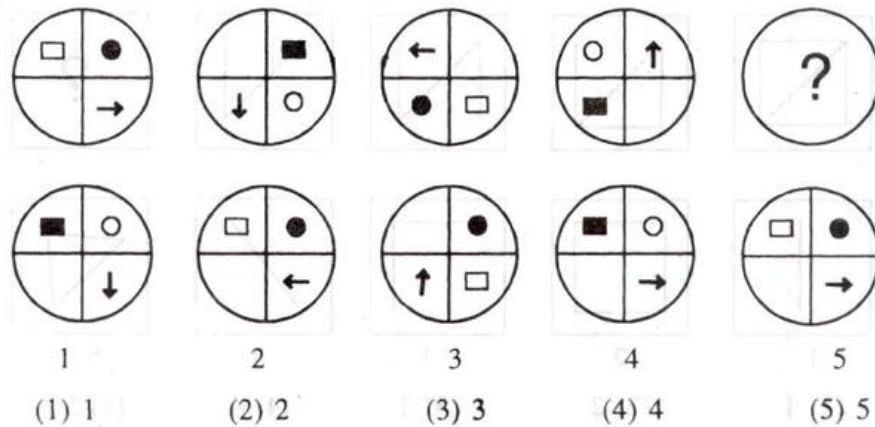
UNIT-IV

Figure series

1.



2.

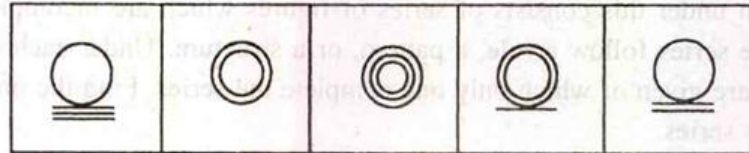
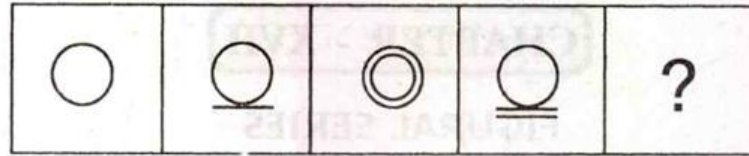




SNS COLLEGE OF TECHNOLOGY
(An Autonomous Institution)
Coimbatore – 641 035
DEPARTMENT OF MATHEMATICS
23GET276 & VQAR-II



3.



1

2

3

4

5

(1) 1

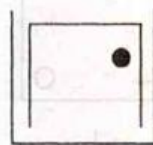
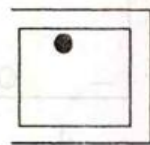
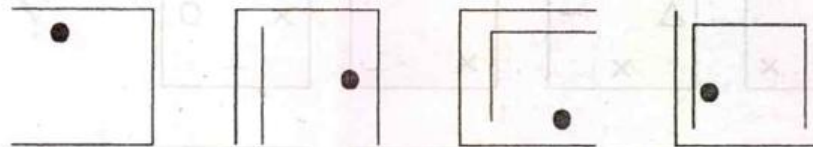
(2) 2

(3) 3

(4) 4

(5) 5

4.



1

2

3

4

5

(1) 1

(2) 2

(3) 3

(4) 4

(5) 5

(1) 1

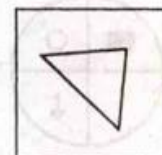
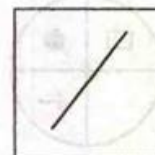
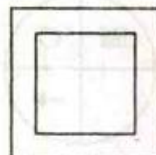
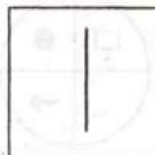
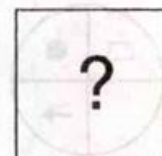
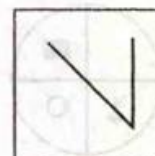
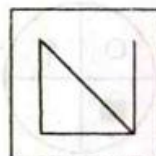
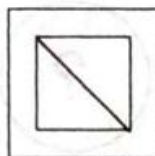
(2) 2

(3) 3

(4) 4

(5) 5

5.



1

2

3

4

5

(1) 1

(2) 2

(3) 3

(4) 4

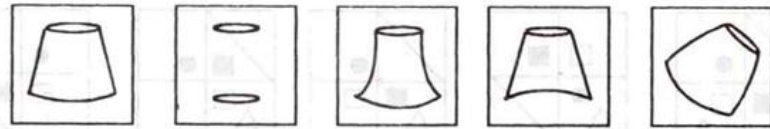
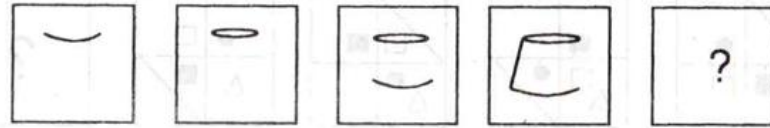
(5) 5



SNS COLLEGE OF TECHNOLOGY
(An Autonomous Institution)
Coimbatore – 641 035
DEPARTMENT OF MATHEMATICS
23GET276 & VQAR-II

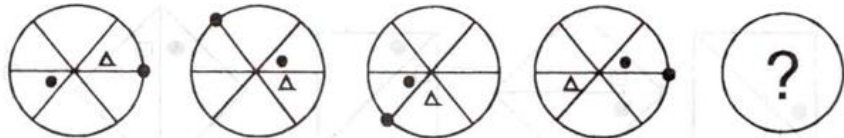


6.



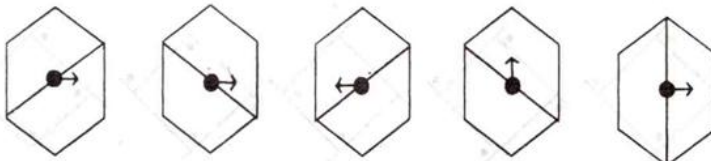
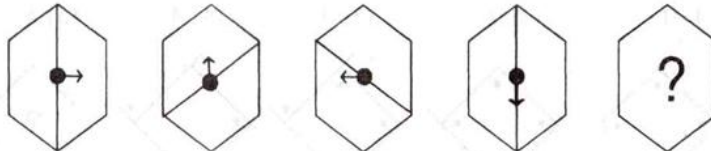
1 2 3 4 5
(1) 1 (2) 2 (3) 3 (4) 4 (5) 5

7.



1 2 3 4 5
(1) 1 (2) 2 (3) 3 (4) 4 (5) 5

8.



1 2 3 4 5
(1) 1 (2) 2 (3) 3 (4) 4 (5) 5



SNS COLLEGE OF TECHNOLOGY
(An Autonomous Institution)
Coimbatore – 641 035
DEPARTMENT OF MATHEMATICS
23GET276 & VQAR-II



9.

1 2 3 4 5

(1) 1 (2) 2 (3) 3 (4) 4 (5) 5

10.

1 2 3 4 5

(1) 1 (2) 2 (3) 3 (4) 4 (5) 5



SNS COLLEGE OF TECHNOLOGY
(An Autonomous Institution)
Coimbatore – 641 035
DEPARTMENT OF MATHEMATICS
23GET276 & VQAR-II



ODD MAN OUT

1. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
(1) Teacher (2) Engineer
(3) Architect (4) Doctor
(5) Scientist
2. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
(1) Listen (2) Feel
(3) Think (4) Sing
(5) Hear
3. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
(1) Anxiety (2) Anger
(3) Sorrow (4) Joy
(5) Feeling
4. Four of the following five words are alike in a certain way and so form a group. Which is the one that does not belong to that group?
(1) Three (2) Four
(3) Five (4) Six
(5) Nine
5. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
(1) Anxiety (2) Worry
(3) Inhibition (4) Curiosity
(5) Weariness
6. Four of the following five are alike in a certain way and hence form a group. Find the one which is different from the other four.
(1) Rice (2) Wheat
(3) Barley (4) Mustard
(5) Bajra



SNS COLLEGE OF TECHNOLOGY
(An Autonomous Institution)
Coimbatore – 641 035
DEPARTMENT OF MATHEMATICS
23GET276 & VQAR-II



7. Four of the following five are alike in a certain way and hence form a group. Find the one which is different from the other four.
- | | |
|------------|-----------|
| (1) Arrow | (2) Sword |
| (3) Knife | (4) Axe |
| (5) Pistol | |
8. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
- | | |
|----------------|---------------|
| (1) Pear | (2) Jackfruit |
| (3) Watermelon | (4) Papaya |
| (5) Mango | |
9. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
- | | |
|----------------|---------------|
| (1) Pencil | (2) Sharpener |
| (3) Blackboard | (4) Chalk |
| (5) Pen | |
10. Four of the following five are alike in a certain way and so form a group. Which is one that does not belong to that group?
- | | |
|--------------|--------------|
| (1) Tortoise | (2) Frog |
| (3) Rat | (4) Mongoose |
| (5) Snake | |



SNS COLLEGE OF TECHNOLOGY
(An Autonomous Institution)
Coimbatore – 641 035
DEPARTMENT OF MATHEMATICS
23GET276 & VQAR-II



MIRROR IMAGE, WATER IMAGE & EMBEDDED IMAGE

I. Mirror Images of Capital Letters

A	A	N	И
B	Я	O	O
C	Ɔ	P	q
D	D	Q	Q
E	Ǝ	R	Я
F	ɹ	S	z
G	Ɔ	T	T
H	H	U	U
I	I	V	V
J	l	W	W
K	Ɔ	X	X
L	J	Y	Y
M	M	Z	Ɔ

II Mirror Images of Small Letters

a	ɹ	n	И
b	d	o	o
c	ɔ	p	q
d	b	q	p
e	Ǝ	r	ɹ
f	ɹ	s	z
g	Ɔ	t	ɹ
h	ɹ	u	U
i	i	v	V
j	l	w	W
k	Ɔ	x	X
l	l	y	Y
m	И	z	Ɔ

III. Mirror Images of Numbers

0	0	6	Ɔ
1	1	7	ɹ
2	Ɔ	8	8
3	Ǝ	9	q
4	Ɔ	10	01
5	Ɔ		



SNS COLLEGE OF TECHNOLOGY
(An Autonomous Institution)
Coimbatore – 641 035
DEPARTMENT OF MATHEMATICS
23GET276 & VQAR-II



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

1. DREAM | ?

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

2. NEWS | ?

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

3. jealous | ?

- (1) jεslouε (2) jεslouε
 (3) sou|εεj (4) εuolεεj

4. 312568 | ?

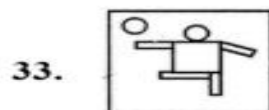
- (1) 312568 (2) 86251ε
 (3) 86251ε (4) 86251ε

5. Rotate the mirror image 90° clockwise.

B | B

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

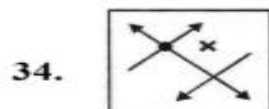
DIRECTIONS (Qs. 33-40) : In each of the following questions, choose the correct mirror-image of the Fig. (X) from amongst the four alternatives (1), (2), (3) and (4) given along with it.



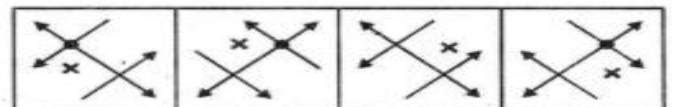
(X)



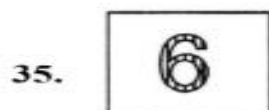
(1) (2) (3) (4)



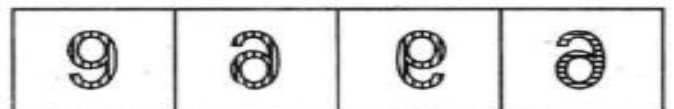
(X)



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



(X)



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



SNS COLLEGE OF TECHNOLOGY
(An Autonomous Institution)
Coimbatore – 641 035
DEPARTMENT OF MATHEMATICS
23GET276 & VQAR-II



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	∨	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ
Letters	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Water-image	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ	Ɔ

Water-images of small letters

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

Water-images of numbers

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

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) PƆƆDƆƆ (2) ƆƆƆDƆƆ
(3) ƆƆƆDƆƆ (4) ƆƆƆDƆƆ
2. heLP
?
(1) ƆƆƆƆ (2) ƆƆƆƆ
(3) ƆƆƆƆ (4) ƆƆƆƆ
3. DOLLAR
?
(1) DƆƆƆƆƆ (2) DƆƆƆƆƆ
(3) DƆƆƆƆƆ (4) DƆƆƆƆƆ

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



SNS COLLEGE OF TECHNOLOGY
(An Autonomous Institution)
Coimbatore – 641 035
DEPARTMENT OF MATHEMATICS
23GET276 & VQAR-II



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 G (2) GORF
(3) G O R F (4) E K O G
22. U4P15B7
(1) U4P15B7 (2) U4P15B7
(3) U4P15B7 (4) U4P15B7
23. GR98AP76ES
(1) GR98AP76ES
(2) GR98AP76ES
(3) GR98AP76ES
(4) GR98AP76ES
24. A1M3b
(1) A1M3b (2) A1M3b
(3) A1M3b (4) A1M3b
-