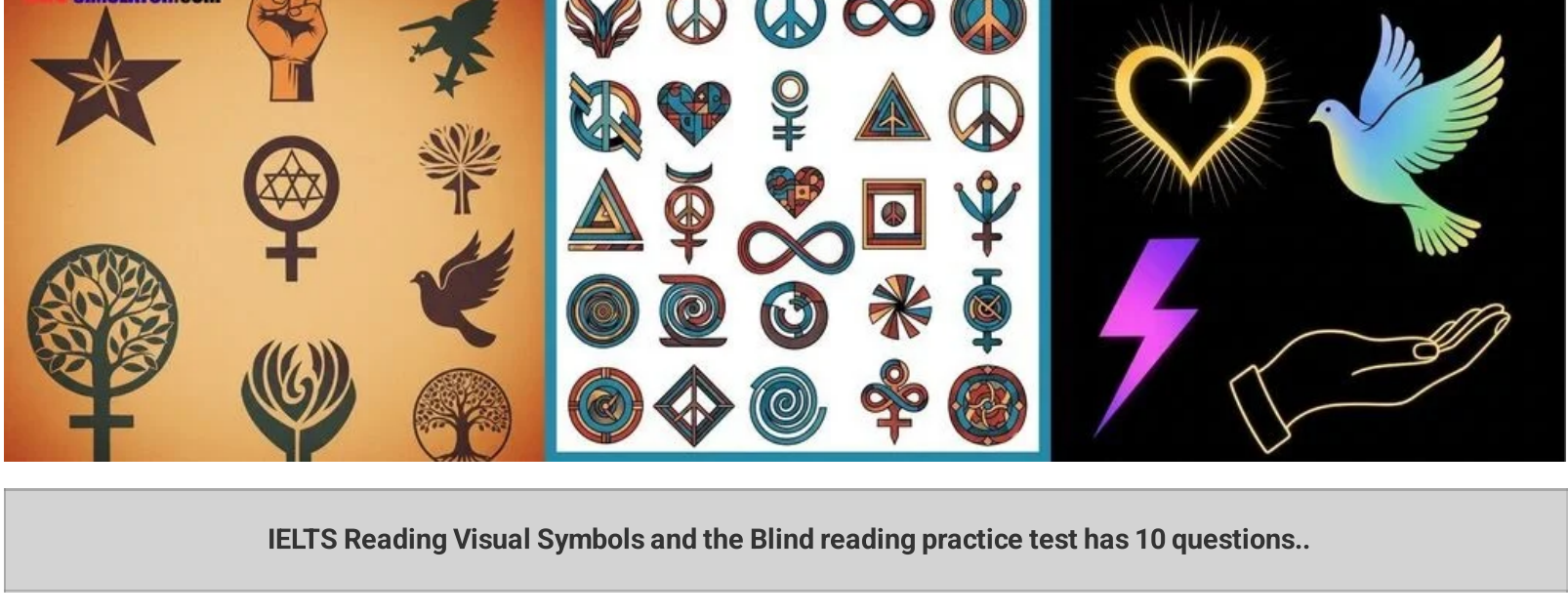


IELTS READING – VISUAL SYMBOLS AND THE BLIND S25AT3



IELTS Reading Visual Symbols and the Blind reading practice test has 10 questions..

Part 1

q27 From a number of recent studies it has become clear that blind people can appreciate the use of outlines and perspectives to describe the arrangement of objects and other surfaces in space.

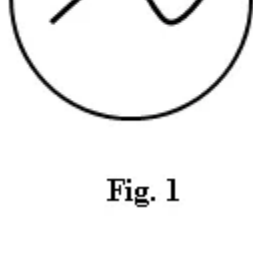


Fig. 1

But pictures are more than literal representations. q28 This fact was drawn to my attention dramatically when a blind woman in one of my investigations decided on her own initiative to draw a wheel as it was spinning. To show this motion' she traced a curve inside the circle(Fig. 1). I was taken aback' lines of motion' such as the one she used' are a very recent invention in the history of illustration. Indeed' as art scholar David Kunzle notes' Wilhelm Busch' a trend-setting nineteenth-century cartoonist' used virtually no motion lines in his popular figure until about 1877.

Attempt Free Reading Test..

When I asked several other blind study subjects to draw a spinning wheel' one particularly clever rendition appeared repeatedly: several subjects showed the wheel's spokes as curves lines. When asked about these curves' they all described them as metaphorical ways of suggesting motion. Majority rule would argue that this device somehow indicated motion very well. But was it a better indicator than' say' broken or wavy lines or any other kind of line' for that matter? The answer was not clear. So I decided to test whether various lines of motion were apt ways of showing movement or if they were merely idiosyncratic marks. Moreover' I wanted to discover whether there were differences in how the blind and the sighted interpreted lines of motion.

To search out these answers' I created raised-line drawings of five different wheels' depicting spokes with lines that curved' bent' waved' dashed and extended beyond the perimeters of the wheel. I then asked eighteen blind volunteers to feel the wheels and assign one of the following motions to each wheel: wobbling' spinning fast' spinning steadily' jerking or braking. My control group consisted of eighteen sighted undergraduates from the University of Toronto.

Questions 30 –32

Look at the following diagrams (Questions 30 –32), and the list of types of movement below.

Match each diagram to the type of movement A–E generally assigned to it in the experiment.

Choose the correct letter A–E and select them in boxes 30–32 below.

30

31

32

A steady spinning

B jerky movement

C rapid spinning

D wobbling movement

E use of brakes

All but one of the blind subjects assigned distinctive motions to each wheel. q32 Most guessed that the curved spokes indicated that the wheel was spinning steadily; the wavy spokes' they thought; suggested that the wheel was wobbling' and the bent spokes were taken as a sign that the wheel was jerking. q30 Subjects assumed that spokes extending beyond the wheel's perimeter signified that the wheel had its brakes on and that q31 dashed spokes indicated the wheel was spinning quickly.

In addition' the favoured description for the sighted was favoured description for the blind in every instance. What is more' the consensus among the sighted was barely higher than that among the blind. Because motion devices are unfamiliar to the blind' q29 the task I gave them involved some problem solving. Evidently' however' the blind not only figured out the meaning for each of the motion' but as a group they generally came up with the same meaning at least as frequently as did sighted subjects.

Part 2

We have found that the blind understand other kinds of visual metaphors as well. One blind woman drew a picture of a child inside a heart-choosing that symbol' she said' to show that love surrounded the child. With Chang Hong Liu' a doctoral student from china' I have begun exploring how well blind people understand the symbolism behind shapes such as hearts that do not directly represent their meaning.

Questions 33 –39

Complete the summary below using words from the box.

Type your answers in boxes 33 –39 below.

NB You may use any word more than once.

In the experiment described in Part 2, a set of word 33.  was used to investigate whether blind and sighted people perceived the symbolism in abstract. 34.  in the same way. Subjects were asked which word fitted best with a circle and which with a square. From the 35.  volunteers, everyone thought a circle fitted 'soft' while a square fitted 'hard'. However, only 51% of the 36.  volunteers assigned a circle to 37.  When the test was later repeated with 38.  volunteers, it was found that they made 39.  choices.

associations

blind

deep

hard

hundred

identical

pairs

shapes

sighted

similar

shallow

soft

words

We gave a list of twenty q33 pairs of words to q35&36 sighted subjects and asked them to pick from each pair the term that best related to a circle and the term that best related to a q34 square. For example' we asked: what goes with soft? A circle or a square? Which shape goes with hard?

All our subjects deemed the circle soft and the square hard. A full 94% ascribed happy to the circle' instead of sad. But other pairs revealed less agreement: 79% matched fast to slow and weak to strong' respectively. And only 51% linked q37 deep to circle and shallow to square. (see Fig. 2) When we tested four totally q38 blind volunteers using the same list' q39 we found that their choices closely resembled those made by the sighted subjects. One man' who had been blind since birth' scored extremely well. He made only one match differing from the consensus' assigning 'far' to square and 'near' to circle. In fact' only a small majority of sighted subjects' 53% 'had paired far and near to the opposite partners.

Question 40

Select the correct letter from A, B, C or D for your answer.

Which of the following statements best summarises the writer 's general conclusion?

☐ A The blind represent some aspects of reality differently from sighted people.

☐ B The blind comprehend visual metaphors in similar ways to sighted people.

☐ C The blind may create unusual and effective symbols to represent reality.

☐ D The blind may be successful artists if given the right training.

Back

q40 Thus we concluded that the blind interprets abstract shapes as sighted people do.

Words associated with circle/square	Agreement among subjects(%)
SOFT-HARD	100
MOTHER-FATHER	94
HAPPY-SAD	94
GOOD-EVIL	89
LOVE-HATE	89
ALIVE-DEAD	87
BRIGHT-DARK	87
LIGHT-HEAVY	85
WARM-COLD	81
SUMMER-WINTER	81
WEAK-STRONG	79
FAST-SLOW	79
CAT-DOG	74
SPRING-FALL	74
QUIET-LOUD	62
WALKING-STANDING	62
ODD-EVEN	57
FAR-NEAR	53
PLANT-ANIMAL	53
DEEP-SHALLOW	51

Fig.2 Subjects were asked which word in each pair fits best with a circle and which with a square. These percentages show the level of consensus among sighted subjects.

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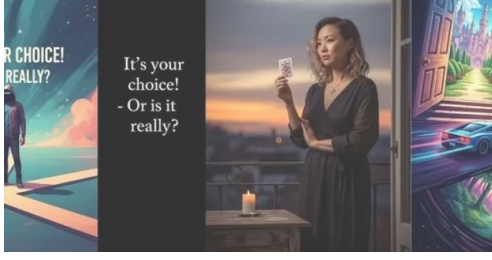
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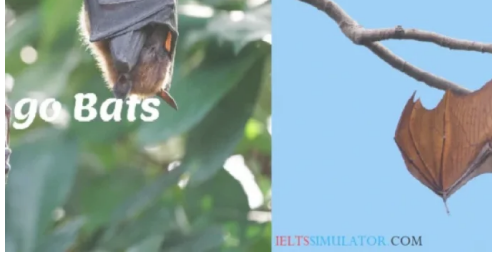
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