

## 9 Rainbow printing

A special type of printing that ensures there is a smooth transition among the main colors of the image, avoiding breaks and displacements.



## 10 Microlettering

Repeated legends that can be read under a magnifying glass.



## 11 Serial numbers

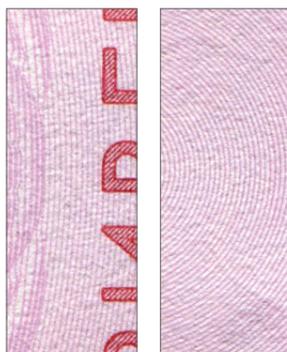
Printed in relief printing:

- horizontally in red ink;
- and vertically (with the numbers having a variable height) in black ink.



## 12 Anti-scan/anti-copy pattern

Made of fine, multi-shaped lines that impede the reproduction of the images by copying or scanning equipment, which will produce a moiré pattern.



### Ultraviolet feature



front of the note



back of the note



Under an ultra-violet light, security fibers that are scattered randomly in the paper and invisible in daylight, glow red and green.

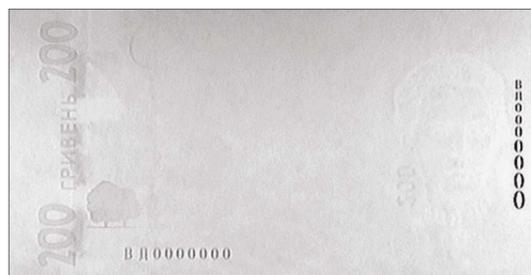


Under an ultra-violet light, portions of a polymer security thread, which is fully embedded in the paper, glow yellow and light blue.

### Infrared feature



front of the note



back of the note

National Bank of Ukraine

## 200 Hryvnia Banknote designed in 2019



front of the note

The main image on the front of the note is a portrait of

**LESIA UKRAINKA**

Lesia Ukrainka (1871 – 1913) was a prominent Ukrainian writer, translator, and cultural activist, who has been placed on an equal footing with the geniuses Taras Shevchenko and Ivan Franko. For many generations, she became a symbol of rebellious, unique and independent Ukraine.



back of the note

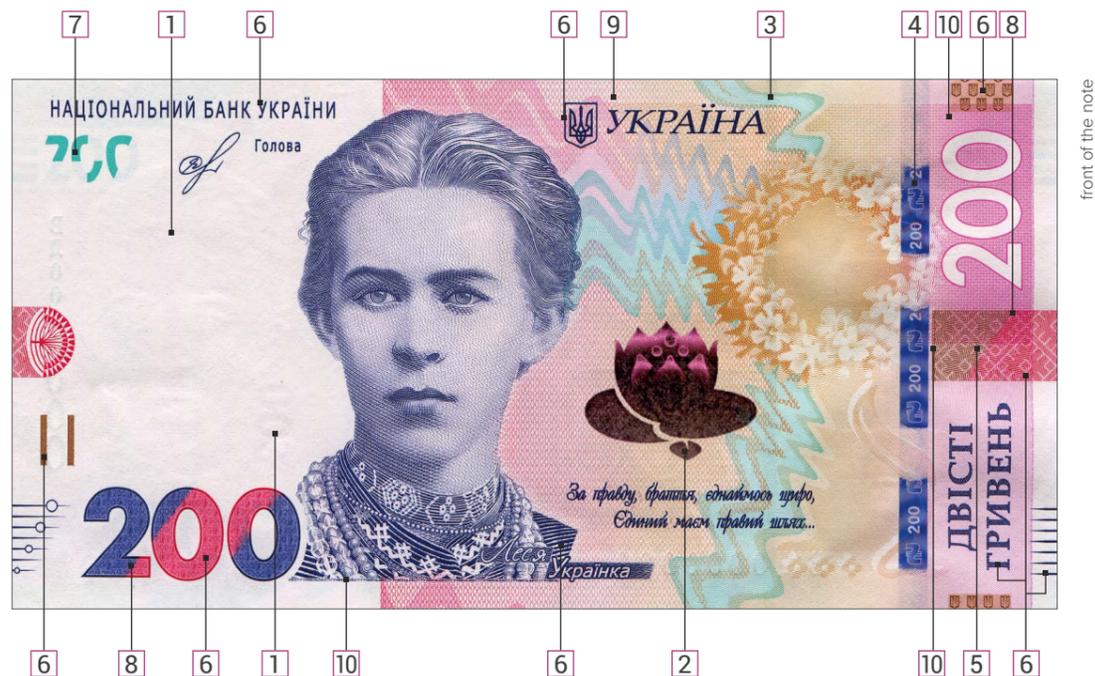
The central design element on the back of the note is an image of the

**ENTRY TOWER OF LUTSK CASTLE**

The Entry Tower of Lutsk Castle was constructed in 1340 – 1383 on the orders of the last great prince of the Principality of Halych and Volhynia, Demetrius of Liubar. For centuries, Lutsk Castle remained a strong fortress and the administrative, political and spiritual capital of the region. The castle housed the regional government, Seyms, and courts that ruled over cases involving Volyn nobility.

# SECURITY FEATURES

The banknote is printed on tinted light-pink paper, which is the dominant color of the banknote images. The banknote is sized 75x148 mm



front of the note



back of the note

## 1 Watermarks

The multi-tone watermark is a repeated portrait of Lesia Ukrainka formed by paper fibers in different shades (lighter and darker than the paper); the light watermark element is the numerical indication of the denomination (vertical, in the right bottom part of the multi-tone watermark).



## 2 SPARK feature

The SPARK feature (optically variable image) of a water lily, which has dynamic light effects. When the banknote is tilted, some areas of the image gradually change color from purple to gold green.



## 3 Security thread

A polymer stripe that has a magnetic code and is fully imbedded into the paper on which the words "200 ГРН", an element of Ukraine's small coat of arms (the trident), and the numeral "200" can be seen as direct and inverse images under a magnifying glass.



## 4 Window thread

A blue window stripe that is partially imbedded into the paper, and has pronounced dynamic light effects. The thread features the numeral 200, and the graphic symbol of the hryvnia. When the banknote is tilted in one direction, the background image on the stripe moves in the opposite direction.



## 5 Latent image

When the note is held at a sharp angle to the light at eye level, the numerals become visible:

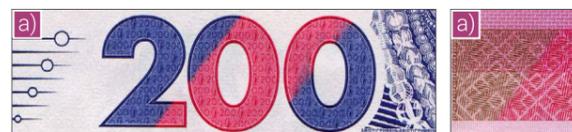
- they appear dark against a light background when the note is looked at from the long side;
- and light against a dark background when the note is looked at from the short side.



## 6 Relief features

These are elements on the front of the note that are rough to the touch. For better visibility, these elements have been enlarged:

- legends and images;
- feature for the partially sighted;
- a fragment of the portrait.



## 7 See-through register

When the note is held up to the light, irregular shapes printed on the back and front combine to form the banknote's denomination "200".



front of the note back of the note to the light

## 8 Orlov printing

A special type of printing that ensures there is an abrupt change of one color into another, without breaking and shifting.

