



HESI A2 Practice Test

The Ultimate Free HESI A2 Practice Test & 2026 Strategy Guide

50 Questions + Answer Explanations

✓ Updated 2025-2026

☐ Strategy Box for each question

🔑 Answer Key Included

1

What is 25% of 200?

A 25

B 50

C 75

D 100

STRATEGY BOX:

25% means one-quarter. Divide 200 by 4 to get 50. The distractor (100) comes from mistakenly taking half instead of a quarter.

✓ Correct Answer: B. 50

2

Which organ filters blood?

A Liver

B Heart

C Kidney

D Lung

STRATEGY BOX:

The kidney filters waste from the blood. Distractors like liver and lungs relate to detoxification and oxygen exchange, which can confuse students.

✓ Correct Answer: C. Kidney

3

Synonym for rapid?

A Slow

B Quick

C Weak

D Small

STRATEGY BOX:

Rapid means quick. The distractor slow is an antonym often chosen to mislead under time pressure.

✓ Correct Answer: B. Quick

4

What is $15 + 27$?

A 40

B 42

C 43

D 45

STRATEGY BOX:

Add stepwise: $15 + 27 = 42$. Students often pick 40 due to rounding or rushing, so watch for calculation errors.

✓ Correct Answer: B. 42

5

DNA is located in the:

A Cytoplasm

B Nucleus

C Ribosome

D Cell membrane

STRATEGY BOX:

DNA is stored in the nucleus. Distractors represent other cell components that perform different roles.

✓ Correct Answer: B. Nucleus

6

Correct plural of "child"?

A Childs

B Childes

C Children

D Childrens

STRATEGY BOX:

"Children" is irregular. Distractors follow regular plural patterns, tricking those unfamiliar with exceptions.

✓ Correct Answer: C. Children

7

What is $\frac{3}{4}$ as a decimal?

A 0.25

B 0.5

C 0.75

D 1.25

STRATEGY BOX:

Divide 3 by 4 to get 0.75. The distractor 0.25 reflects the inverse ($\frac{1}{4}$), a common error.

✓ Correct Answer: C. 0.75

8

Which gas do plants absorb?

A Oxygen

B Nitrogen

C Carbon dioxide

D Hydrogen

STRATEGY BOX:

Plants absorb carbon dioxide for photosynthesis. Distractors include gases involved in respiration or atmospheric composition.

✓ Correct Answer: C. Carbon dioxide

9

Find the next number: 2, 4, 6, 8, ?

A 9

B 10

C 11

D 12

STRATEGY BOX:

The pattern increases by 2; next is 10. Distractors break the pattern or add incorrectly.

✓ Correct Answer: B. 10

10

What is the capital of France?

A Berlin

B Madrid

C Paris

D Rome

STRATEGY BOX:

The correct answer is Paris. A key technique in practice HESI A2 test questions is eliminating geographically incorrect distractors, like the capitals of other major European countries.

✓ Correct Answer: C. Paris

11

Which vitamin helps calcium absorption?

A Vitamin A

B Vitamin B

C Vitamin C

D Vitamin D

STRATEGY BOX:

Vitamin D supports calcium absorption. Distractors are common vitamins but unrelated to this function.

✓ Correct Answer: D. Vitamin D

12

Solve: $100 \div 4$

A 20

B 25

C 30

D 40

STRATEGY BOX:

100 divided by 4 equals 25. Distractors reflect misdivision or incorrect factor selection.

✓ Correct Answer: B. 25

13

Which structure carries oxygen?

A Platelets

B Red blood cells

C White blood cells

D Plasma

STRATEGY BOX:

Red blood cells carry oxygen through hemoglobin. Distractors represent other blood components.

✓ Correct Answer: B. Red blood cells

14

Meaning of benevolent?

A Cruel

B Kind

C Angry

D Weak

STRATEGY BOX:

Benevolent means kind. Distractors are emotionally opposite or unrelated traits.

✓ Correct Answer: B. Kind

15

What is 5×6 ?

A 25

B 30

C 35

D 40

STRATEGY BOX:

$5 \times 6 = 30$. Distractors arise from nearby multiples or addition errors.

✓ Correct Answer: B. 30

16

What organ pumps blood?

A Liver

B Kidney

C Heart

D Brain

STRATEGY BOX:

The heart pumps blood. Distractors are organs involved in different systems.

✓ Correct Answer: C. Heart

17

What is a synonym for happy?

A Sad

B Angry

C Joyful

D Tired

STRATEGY BOX:

Joyful matches happy. Distractors include opposite emotions.

✓ Correct Answer: C. Joyful

18

What is $9 + 11$?

A 18

B 19

C 20

D 21

STRATEGY BOX:

$9 + 11 = 20$. Distractors come from miscounting or misadding.

✓ Correct Answer: C. 20

19

Which organ produces insulin?

A Liver

B Pancreas

C Kidney

D Heart

STRATEGY BOX:

The pancreas produces insulin. Distractors are organs with unrelated functions.

✓ Correct Answer: **B. Pancreas**

20

What is 50% of 80?

A 20

B 30

C 40

D 50

STRATEGY BOX:

Half of 80 is 40. In practice HESI A2 test questions, a common distractor is 50, confusing percentage with rounding.

✓ Correct Answer: **C. 40**

21

What is 12×8 ?

A 88

B 92

C 96

D 104

STRATEGY BOX:

$12 \times 8 = 96$. Break it into $(10 \times 8) + (2 \times 8)$. Distractors come from addition errors or skipping steps under pressure.

✓ Correct Answer: **C. 96**

22

Which system controls hormones?

A Nervous system

B Digestive system

C Endocrine system

D Respiratory system

STRATEGY BOX:

The endocrine system regulates hormones. Distractors are other major systems with different roles.

✓ Correct Answer: **C. Endocrine system**

23

What is the antonym of increase?

A Rise

B Grow

C Expand

D Decrease

STRATEGY BOX:

Decrease is the opposite of increase. Distractors are similar-meaning words designed to confuse.

✓ Correct Answer: **D. Decrease**

24

What is $144 \div 12$?

A 10

B 11

C 12

D 14

STRATEGY BOX:

$144 \div 12 = 12$. Think multiplication in reverse. Distractors come from guessing without verification.

✓ Correct Answer: C. 12

25

Which organ stores bile?

A Liver

B Gallbladder

C Pancreas

D Kidney

STRATEGY BOX:

The gallbladder stores bile. The liver produces it, this is a common distractor trap.

✓ Correct Answer: B. Gallbladder

26

Correct spelling:

A Recieve

B Receive

C Receeve

D Recive

STRATEGY BOX:

Receive follows "i before e except after c." Distractors break this rule.

✓ Correct Answer: B. Receive

27

Convert 0.5 to a fraction:

A $1/4$

B $1/2$

C $2/3$

D $3/4$

STRATEGY BOX:

$0.5 = 1/2$. Distractors reflect common decimal-fraction confusion.

✓ Correct Answer: B. $1/2$

28

What part of the brain controls balance?

A Cerebrum

B Cerebellum

C Brainstem

D Hypothalamus

STRATEGY BOX:

The cerebellum controls balance. Distractors are other brain regions with different functions.

✓ Correct Answer: B. Cerebellum

29

Find the next number: 5, 10, 15, ?

A 18

B 20

C 25

D 30

STRATEGY BOX:

Pattern adds 5, so the next is 20. Distractors skip or exaggerate the pattern.

✓ Correct Answer: B. 20

30

What is 20% of 150?

A 25

B 30

C 35

D 40

STRATEGY BOX:

$20\% = 0.2$ to $0.2 \times 150 = 30$. In practice HESI A2 test questions, students often confuse 10% and 20%, leading to wrong scaling.

✓ Correct Answer: B. 30

31

Which blood cells fight infection?

A Red blood cells

B Platelets

C White blood cells

D Plasma

STRATEGY BOX:

White blood cells fight infection. Distractors are other blood components.

✓ Correct Answer: C. White blood cells

32

What is 7×9 ?

A 56

B 63

C 72

D 81

STRATEGY BOX:

$7 \times 9 = 63$. Distractors come from nearby multiplication pairs.

✓ Correct Answer: B. 63

33

Meaning of abundant?

A Scarce

B Plenty

C Empty

D Weak

STRATEGY BOX:

Abundant means plenty. Distractors are opposites or unrelated descriptors.

✓ Correct Answer: B. Plenty

34

What is $18 + 24$?

A 40

B 42

C 44

D 46

STRATEGY BOX:

$18 + 24 = 42$. Break into tens and units to avoid errors.

✓ Correct Answer: B. 42

35

Which organ detoxifies chemicals?

A Kidney

B Liver

C Lung

D Heart

STRATEGY BOX:

The liver detoxifies chemicals. Kidney filters waste; this is the main distractor.

✓ Correct Answer: B. Liver

36

Correct grammar:

A She don't know

B She doesn't knows

C She doesn't know

D She not know

STRATEGY BOX:

She doesn't know is correct. Distractors misuse verb agreement.

✓ Correct Answer: C. She doesn't know

37

What is $\frac{2}{5}$ as a decimal?

A 0.2

B 0.4

C 0.5

D 0.6

STRATEGY BOX:

$2 \div 5 = 0.4$. Distractors reflect incorrect division.

✓ Correct Answer: B. 0.4

38

What gas do humans exhale?

A Oxygen

B Carbon dioxide

C Nitrogen

D Hydrogen

STRATEGY BOX:

Humans exhale carbon dioxide. Oxygen is inhaled, a common confusion point.

✓ Correct Answer: B. Carbon dioxide

39

Find the next number: 3, 6, 9, ?

A 10

B 11

C 12

D 13

STRATEGY BOX:

Pattern adds 3, so next is 12. Distractors ignore sequence logic.

✓ Correct Answer: C. 12

40

What is 10% of 90?

A 8

B 9

C 10

D 11

STRATEGY BOX:

10% = 0.1, so, $0.1 \times 90 = 9$. In practice HESI A2 test questions, students often overcomplicate simple percentage conversions.

✓ Correct Answer: B. 9

41

Which organ produces urine?

A Bladder

B Kidney

C Liver

D Lung

STRATEGY BOX:

Kidneys produce urine; the bladder stores it. Storage vs production is the key distractor trap.

✓ Correct Answer: B. Kidney

42

What is 6×7 ?

A 36

B 40

C 42

D 48

STRATEGY BOX:

$6 \times 7 = 42$. Distractors are nearby multiples.

✓ Correct Answer: C. 42

43

Meaning of fragile?

A Strong

B Breakable

C Heavy

D Solid

STRATEGY BOX:

Fragile means breakable. Distractors are opposite traits.

✓ Correct Answer: B. Breakable

44

What is $81 \div 9$?

A 7

B 8

C 9

D 10

STRATEGY BOX:

$81 \div 9 = 9$. Use multiplication reverse logic.

✓ Correct Answer: C. 9

45

Which system controls breathing?

A Circulatory

B Respiratory

C Digestive

D Nervous

STRATEGY BOX:

The respiratory system controls breathing. The nervous system regulates it indirectly, which is a common distractor.

✓ Correct Answer: B. Respiratory

46

Correct sentence:

A He go to school

B He goes to school

C He going school

D He gone school

STRATEGY BOX:

He goes to school is correct. Distractors break subject-verb agreement.

✓ Correct Answer: B. He goes to school

47

Convert 75% to a decimal:

A 0.25

B 0.5

C 0.75

D 1.75

STRATEGY BOX:

$75\% = 0.75$. Distractors come from incorrect percentage conversion.

✓ Correct Answer: C. 0.75

48

What does the underlined word mean?

Which organ absorbs nutrients?

A Stomach

B Liver

C Small intestine

D Large intestine

STRATEGY BOX:

The small intestine absorbs nutrients. Stomach digests, which is a common confusion.

✓ Correct Answer: C. Small intestine

49

Find the next number: 1, 3, 6, 10, ?

A 12

B 13

C 15

D 16

STRATEGY BOX:

Pattern increases by +2, +3, +4, so next +5 = 15. Distractors ignore pattern growth.

✓ Correct Answer: C. 15

50

What is 25% of 80?

A 10

B 15

C 20

D 25

STRATEGY BOX:

$25\% = \frac{1}{4}$, so $80 \div 4 = 20$. In practice HESI A2 test questions, converting percentages into fractions helps avoid calculation errors and eliminates distractors quickly.

✓ Correct Answer: C. 20