

FAST TALK

AP / IB BIOLOGY — HUMAN PHYSIOLOGY

54 double-sided cards · every card verified to have 2+ valid answers

HOW TO PLAY

1. Draw a card and read the CLUE side aloud — a category with many answers.
2. Flip the card to reveal the FORMAT — the twist that narrows it down.
3. Race to shout an answer that fits BOTH sides. First correct answer wins the card. Most cards at the end wins the game.

Example: “A molecule transported across a membrane” + “A 3-letter answer”
→ CO₂! Same clue with “Includes the letter E” → glucose.

HOW TO PRINT & CUT

- Print double-sided, flipping on the LONG edge (the usual default).
- Back pages are pre-mirrored so fronts and backs line up after cutting.
- Print ONE test sheet first and hold it to the light to check alignment.
- Cut along the grey guide lines — 9 cards per sheet.

HOUSE RULES & VARIATIONS

- Letter counts ignore spaces and count numbers (CO₂ = 3).
- Justify it: the winner must explain why their answer fits both sides.
- No repeats: an answer used once is dead for the rest of the game.
- Steal: a wrong answer passes the card to the other team.

The answer key for every card in this deck is at the back of this file.

**A 12-letter
answer**

**Includes the
letter S**

**Includes the
letter G**

**A 8-letter
answer**

**Fewer than 5
letters**

**Fewer than 5
letters**

**A 12-letter
answer**

**Includes the
letter M**

**Fewer than 7
letters**

**A hormone in
the human body**

**A process that
moves
substances in
the body**

**Something
regulated by
homeostasis**

**Something the
liver or
pancreas does
or makes**

**A waste
product
removed from
the body**

**A word from the
topic of nerve
impulses**

**A structure or
organ in the
digestive
system**

**A substance
involved in
digestion**

**A gland in the
endocrine
system**

**Includes the
letter U**

**Ends in the
letter S**

**A 5-letter
answer**

**Includes the
letter O**

**Includes the
letter O**

**Ends in the
letter E**

**Includes the
letter S**

**Includes the
letter R**

**Includes the
letter P**

**A blood vessel
or heart
structure**

**An organ of the
human body**

**Something the
liver or
pancreas does
or makes**

**Something
regulated by
homeostasis**

**A part of a
neuron or nerve
pathway**

**Something
involved in gas
exchange**

**A feedback or
control
mechanism**

**A blood vessel
or heart
structure**

**A gland in the
endocrine
system**

**More than 8
letters**

**Includes the
letter U**

**Ends in –sis,
–tion, or –sion**

**More than 10
letters**

**A multi-word
answer**

**Starts with a
vowel**

**A 11-letter
answer**

**A 4-letter
answer**

**More than 8
letters**

**A process that
moves
substances in
the body**

**A structure in
the respiratory
system**

**A component of
blood**

**A word from the
topic of nerve
impulses**

**A gland in the
endocrine
system**

**A structure or
organ in the
digestive
system**

**A feedback or
control
mechanism**

**A waste
product
removed from
the body**

**A process that
moves
substances in
the body**

**Starts with a
vowel**

**Includes the
letter I**

**Includes the
letter E**

**A 6-letter
answer**

A single word

**A 8-letter
answer**

**A 10-letter
answer**

**Includes the
letter L**

**More than 10
letters**

**A component of
blood**

**A hormone in
the human body**

**A substance
involved in
digestion**

**A structure in
the respiratory
system**

**A structure in
the respiratory
system**

**A structure in
the excretory
system**

**A word from the
topic of nerve
impulses**

**An organ of the
human body**

**A part of the
immune
response**

**Includes the
letter D**

**Ends in the
letter N**

A single word

**Includes the
letter C**

**Starts with a
consonant**

**Exactly two
words**

**Includes the
letter E**

**A 6-letter
answer**

**A 5-letter
answer**

**A structure in
the excretory
system**

**A hormone in
the human body**

**A part of the
immune
response**

**A waste
product
removed from
the body**

**Something
involved in gas
exchange**

**Something
regulated by
homeostasis**

**An organ of the
human body**

**A blood vessel
or heart
structure**

**A part of the
immune
response**

**Exactly two
words**

**Includes the
letter A**

**A 7-letter
answer**

**A 4-letter
answer**

**A 6-letter
answer**

**Ends in the
letter E**

**Includes the
letter H**

**A 9-letter
answer**

**Includes the
letter C**

**A structure in
the excretory
system**

**A feedback or
control
mechanism**

**A structure or
organ in the
digestive
system**

**A part of a
neuron or nerve
pathway**

**A substance
involved in
digestion**

**Something the
liver or
pancreas does
or makes**

**A part of a
neuron or nerve
pathway**

**Something
involved in gas
exchange**

**A component of
blood**

HUMAN PHYSIOLOGY

Answer key — page 1 of 6 — answers satisfy BOTH the clue and the format

Something regulated by homeostasis

+ A 12-letter answer

→ blood glucose, water balance

A process that moves substances in the body

+ Includes the letter S

→ diffusion, osmosis, active transport, reabsorption, peristalsis, gas exchange

A hormone in the human body

+ Includes the letter G

→ glucagon, estrogen

A word from the topic of nerve impulses

+ A 8-letter answer

→ stimulus, response

A waste product removed from the body

+ Fewer than 5 letters

→ urea, CO₂, salt

Something the liver or pancreas does or makes

+ Fewer than 5 letters

→ bile, urea

A gland in the endocrine system

+ A 12-letter answer

→ adrenal gland, hypothalamus

A substance involved in digestion

+ Includes the letter M

→ enzyme, amylase, stomach acid, mucus

A structure or organ in the digestive system

+ Fewer than 7 letters

→ liver, villus

Something the liver or pancreas does or makes

+ Includes the letter U

→ insulin, glucagon, urea

HUMAN PHYSIOLOGY

Answer key — page 2 of 6 — answers satisfy BOTH the clue and the format

An organ of the human body

+ Ends in the letter S

→ lungs, pancreas

A blood vessel or heart structure

+ A 5-letter answer

→ aorta, valve

Something involved in gas exchange

+ Includes the letter O

→ alveolus, oxygen, carbon dioxide, CO₂, hemoglobin, diffusion

A part of a neuron or nerve pathway

+ Includes the letter O

→ axon, cell body, neurotransmitter, receptor, node of Ranvier

Something regulated by homeostasis

+ Ends in the letter E

→ body temperature, blood glucose, water balance, blood pressure

A gland in the endocrine system

+ Includes the letter S

→ pancreas, testis, hypothalamus

A blood vessel or heart structure

+ Includes the letter R

→ artery, capillary, aorta, atrium, ventricle

A feedback or control mechanism

+ Includes the letter P

→ positive feedback, set point, receptor

A component of blood

+ More than 8 letters

→ red blood cell, white blood cell, hemoglobin

A structure in the respiratory system

+ Includes the letter U

→ bronchus, alveolus, lung

HUMAN PHYSIOLOGY

Answer key — page 3 of 6 — answers satisfy BOTH the clue and the format

A process that moves substances in the body

+ Ends in **-sis, -tion, or -sion**

→ diffusion, osmosis, filtration, reabsorption, peristalsis, circulation

A structure or organ in the digestive system

+ **More than 10 letters**

→ small intestine, large intestine, gall bladder

A gland in the endocrine system

+ **A multi-word answer**

→ pituitary gland, adrenal gland, pineal gland

A word from the topic of nerve impulses

+ **Starts with a vowel**

→ action potential, impulse

A process that moves substances in the body

+ **A 11-letter answer**

→ peristalsis, circulation, gas exchange

A waste product removed from the body

+ **A 4-letter answer**

→ urea, salt

A feedback or control mechanism

+ **More than 8 letters**

→ negative feedback, positive feedback, thermoregulation, osmoregulation

A substance involved in digestion

+ **Starts with a vowel**

→ enzyme, amylase

A hormone in the human body

+ **Includes the letter I**

→ insulin, adrenaline, thyroxine, melatonin, cortisol, oxytocin

A component of blood

+ **Includes the letter E**

→ red blood cell, white blood cell, platelet, hemoglobin, glucose

HUMAN PHYSIOLOGY

Answer key — page 4 of 6 — answers satisfy BOTH the clue and the format

A structure in the excretory system

+ A 6-letter answer

→ kidney, ureter

A structure in the respiratory system

+ A single word

→ trachea, bronchus, bronchiole, alveolus, lung, diaphragm, larynx

A structure in the respiratory system

+ A 8-letter answer

→ bronchus, alveolus

A part of the immune response

+ A 10-letter answer

→ lymphocyte, memory cell

An organ of the human body

+ Includes the letter L

→ lungs, liver, bladder

A word from the topic of nerve impulses

+ More than 10 letters

→ action potential, depolarisation

A part of the immune response

+ Includes the letter D

→ antibody, white blood cell

A hormone in the human body

+ Ends in the letter N

→ insulin, glucagon, estrogen, melatonin, oxytocin

A structure in the excretory system

+ A single word

→ kidney, nephron, bladder, ureter, urethra, glomerulus

Something regulated by homeostasis

+ Includes the letter C

→ blood glucose, water balance, salt concentration

HUMAN PHYSIOLOGY

Answer key — page 5 of 6 — answers satisfy BOTH the clue and the format

Something involved in gas exchange

+ Starts with a consonant

→ capillary, carbon dioxide, CO₂, hemoglobin, diffusion, surface area

A waste product removed from the body

+ Exactly two words

→ carbon dioxide, uric acid

A part of the immune response

+ Includes the letter E

→ antigen, white blood cell, lymphocyte, phagocyte, fever, memory cell

A blood vessel or heart structure

+ A 6-letter answer

→ artery, atrium

An organ of the human body

+ A 5-letter answer

→ heart, lungs, liver, brain

A structure or organ in the digestive system

+ Exactly two words

→ small intestine, large intestine, gall bladder

A feedback or control mechanism

+ Includes the letter A

→ negative feedback, positive feedback, thermoregulation, osmoregulation

A structure in the excretory system

+ A 7-letter answer

→ nephron, bladder, urethra

Something the liver or pancreas does or makes

+ A 4-letter answer

→ bile, urea

A substance involved in digestion

+ A 6-letter answer

→ enzyme, lipase, saliva

HUMAN PHYSIOLOGY

Answer key — page 6 of 6 — answers satisfy BOTH the clue and the format

A part of a neuron or nerve pathway

+ Ends in the letter E

→ dendrite, synapse

A component of blood

+ Includes the letter H

→ white blood cell, hemoglobin

Something involved in gas exchange

+ A 9-letter answer

→ capillary, diffusion

A part of a neuron or nerve pathway

+ Includes the letter C

→ cell body, receptor