



Work booklet VSBO PKL

# 2025

period 1  
Wednesday May 21  
7.30 -10.00

**Biology**

Candidate name \_\_\_\_\_ Candidate number \_\_\_\_\_

**REMEMBER TO HAND IN THIS WORK BOOKLET**

Multiple-choice: circle the answer; indicate corrections clearly:

A **B** C D of A ~~B~~ **C** D of A ~~B~~ ~~C~~ D B

1 Letter ..... points to a cell nucleus.

Letter ..... points to cytoplasm.

2 A B C D

3

letter	name of the system
P	
Q	
R	

4

function	is	is not
Give shape to the body.		
Give firmness to the body.		
Create impulses.		
Provide protection to some organs.		

5 Organ system A is called .....

Organ system B is called .....

6 The spider is ..... and it is a spider, because .....

.....

The insect is ..... and it is an insect, because .....

.....

7 1). .....

2). .....

8

characteristic	is	is not
The plant has no leaves.		
The plant has a green color.		
The plant has a thick layer of wax.		

9 A B C D

10 .....  
.....  
.....

11 A B C D

12 A B C D

13

statement	true	false
The root contains reserve food.		
Photosynthesis takes place in the root.		
The plant is attached to the ground by the root.		
The plant absorbs carbon dioxide through the root.		

14 A B C D

15 Choose from:

***oxygen, closed, combustion, transport, carbon dioxide, sunlight, open, evaporation***

(1) .....

(2) .....

(3) .....

16

The vulture is the 

<i>second</i>
<i>third</i>
<i>fourth</i>

 link in the food chain.

The vulture is a 

<i>producer.</i>
<i>consumer.</i>
<i>reducer.</i>

17 A B C D

18

statement	true	false
The digestive system kills bacteria in the stomach.		
Organs of the digestive system make enzymes.		
The blood absorbs nutrients in the esophagus.		

19

organ	corresponding number
gall bladder	
liver	
pancreas	

20 A B C D E

21 A B C D

22

When Nageli has diarrhea, it is because her

colon

small intestine

appendix

does not

work well and therefore does not remove

water

vitamins

salts

from her intestine.

23 Fill in: **building material**, **fuel**, **combustion** and **strong bones**.

(1) .....

(2) .....

(3) .....

(4) .....

24 .....

25 A B C D

26

condition	do	do not
brittle bones		
blindness		
heart attack		

27 During respiration, the intercostal muscles are .....

During respiration, the diaphragm muscles are .....

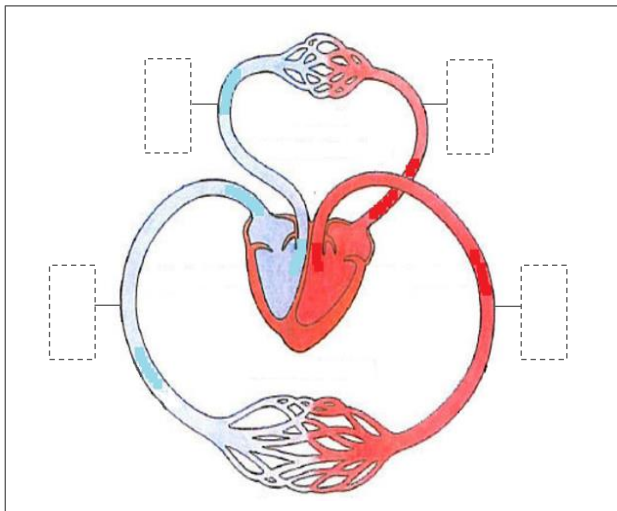
28

blood vessel	name of the blood vessel
P	
Q	
R	
S	

29

name	number
vein	
lymphatic vessel	
artery	

30



31 A B C D

32 The reason to vaccinate is that vaccination increases the number of

<i>white blood cells</i>
<i>red blood cells</i>
<i>blood platelets</i>

33

letter	name

34

layer	name
P	
Q	
R	

35

statement	true	false
Layer P protects against heat.		
Layer P protects against damage.		
Layer P protects against infections.		

36

To Joshua, **feeling** something on his pocket is an

external
internal

stimulus.

To Joshua, **seeing** the man run away is an

external
internal

stimulus.

37

Joshua's action	sensory nerve cell	motor nerve cell
Feeling something strange on his jeans pocket.		
Turning around.		
Seeing that the man runs away.		

38 A B C D

39

statement	true	false
The thyroid hormone is produced in Q.		
Glucagon is produced in R .		
Islets of Langerhans are located in S.		

40

part	letter
cochlea	
Eustachian tube	
eardrum	
hammer	
sense of balance	
ear canal	

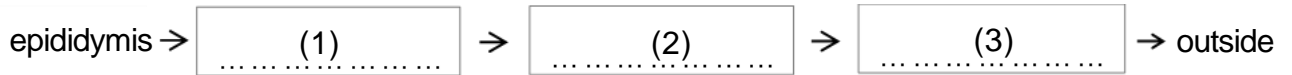
41 A B C D

42

part	name
P	
Q	
R	



43 Order of diagram:



(1). .....

(2). .....

(3). .....

44 Stage 4 is called: .....

45 Order of diagram:

..... → ..... → ..... → .....

46 A B C D

47 Order of diagram:

..... → ..... → ..... → ..... → .....

48 A B C D

**REMEMBER TO HAND IN THIS WORK BOOKLET**