



2019 Biology 2 SYSTEMS

Multiple Choice Answer Sheet

Name: _____ Year: 8

Multiple Choice – 15 questions.

Circle your choice. If you change your mind, scrub your choice out and circle the one you want. If it is messy, clearly write your choice next to question.

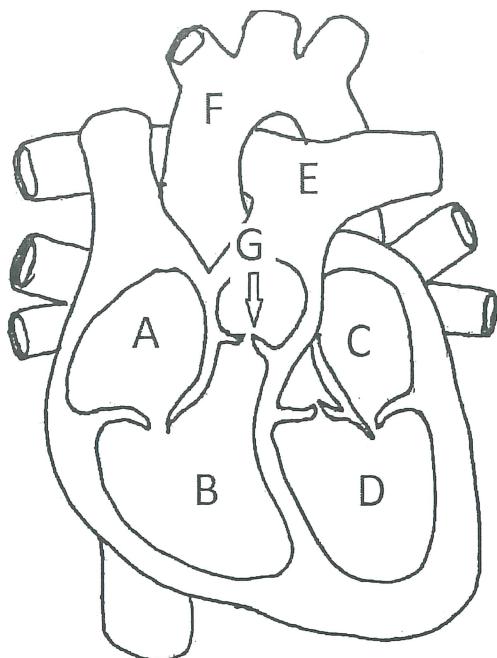
1. A B C **D**
2. **A** B C D
3. **A** B C D
4. A B **C** D
5. A B C **D**
6. **A** B C D
7. **A** B C D
8. A B C **D**
9. **A** B C D
10. A B C **D**
11. A **B** C D
12. A B C **D**
13. A B **C** D
14. A B **C** D
15. A B C **D**

Correct answers: _____ / 15 questions

SECTION 2: WRITTEN**25 MARKS**

Write your answers in the spaces on the answer sheet provided.

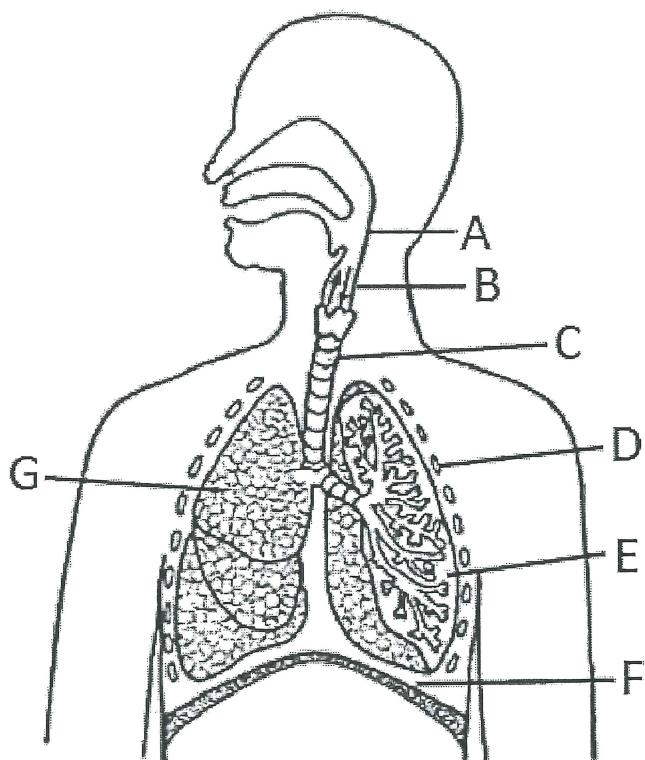
1. a. Label the following diagram of the heart (7 marks)

A - R AtriumB - R VentricleC - L AtriumD - L VentricleE - Pulmonary ArteryF - AortaG - Semilunar Valve / pulmonary valve (1/2) Valve

- b. Veins usually carry deoxygenated blood. Explain why the pulmonary vein is an exception.
- (2 marks)

① Vein carry blood back to heart
carry blood from lungs back to heart
so left side of heart
can pump oxygenated blood

2. a. Label the following diagram of the respiratory system (3 marks)



A - pharynx

(1/2 each)

C - trachea.

D - Ribs.

E - alveoli

F - diaphragm

G - lung

b. What is the shape and purpose of the cartilage found in the trachea?
(2 marks)

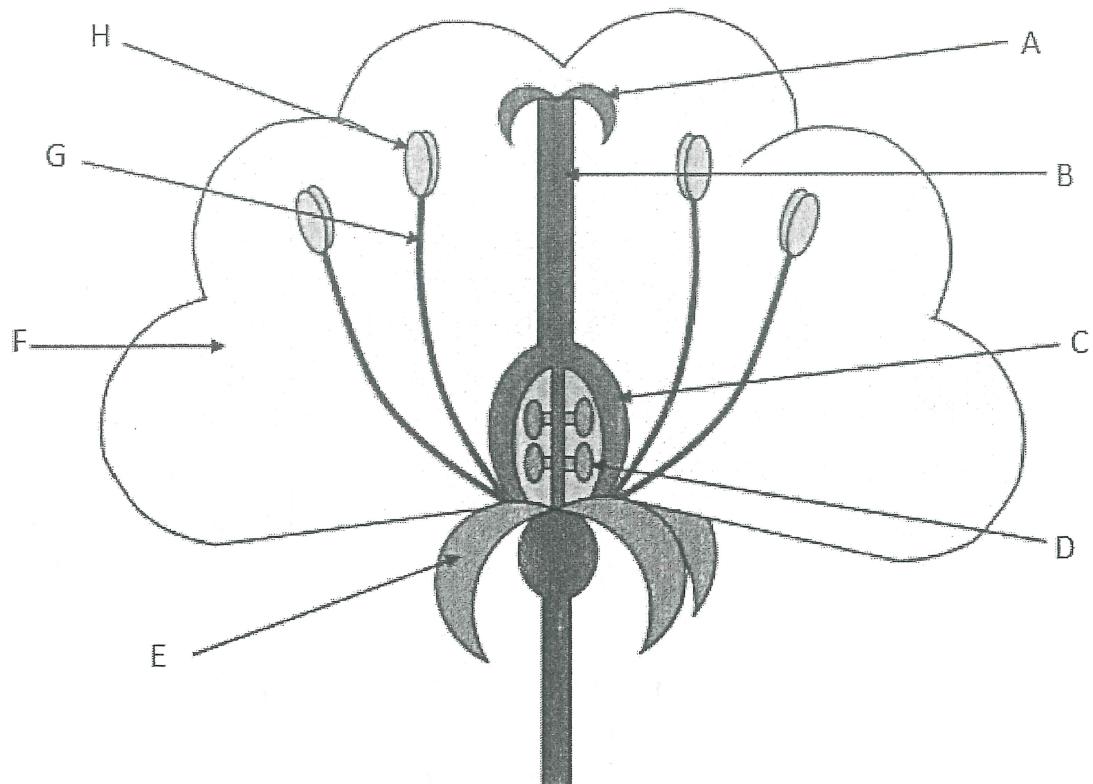
C - shaped. ①

- hold trachea open to allow

air / O₂ to enter lungs. ①

3. a. Label the following diagram

(3 marks)



A - Stigma

B - Style

C - Ovary

D - ovule

G - filament

H - anther

b. Not all plants depend on flowers to reproduce. Name a method of reproduction a plant may use to reproduce that does not involve a flower. Use an example explain the method. (3 marks)

① - any of following - vegetative propagation
= cuttings / cloning
=

eg - Tuber

- Rhizome

- bulb

- runner

Root sucker. ② Example

} any one of

4. Complete the following table. (5 marks)

| | Asexual | Sexual |
|--------------|--|---|
| Definition | A form of reproduction where one parent produces the offspring | A form of (1) reproduction where 2 parents produce offspring |
| Advantage | * parents suited to environment offspring well adapted (1) Any | * Increase genetic diversity (1) |
| Disadvantage | * when organisms are identical - possibility of disease wiping it out or - ↓ genetic diversity (1) | * Amount of energy attracting mate. (1) |

END OF TEST (Total 40 MARKS)