

Ek Burapa School
G6 Science Final Exam – February, 2025

Name: _____ **Grade:** 6 / _____ **No:** _____

Subject: Science 'Human Reproduction, Flower Reproduction, Heredity'

Date: _____ /02/2025.

(This exam consists of 3 pages)

Score: _____ / 20 (40 divided by 2)

A. Human Reproduction/Puberty:

Please use words from the word box in the spaces below. (15 marks)

puberty	menstruation	period	natural	urethra
womb	fallopian tubes	10-14	acne	height
gestation	wider	semen	testes	umbilical cord

1. The term _____ refers to the monthly breaking down of an unfertilized female egg.
2. Most girls begin to menstruate between the ages of _____ years old.
3. The male sexual cell is formed and produced in the _____.
4. The _____ carry eggs from the female ovary to the uterus.
5. The long, thin tube that runs down the inside of the penis is called the _____.
6. During puberty, most adolescent females begin to develop _____ hips.
7. An unfortunate characteristic of puberty is the appearance of _____ on the face.
8. Another scientific term for the male sex cell (sperm) is _____.
9. Nutrients and oxygen are delivered to the developing fetus by the _____.
10. Another trait that is acquired during puberty is an increase in a person's _____.
11. The female uterus is often described with another term - _____.
12. Girls experiencing their first menstrual symptoms should always be reminded that it is a completely _____ event in their growth.
13. The 'slang' expression that most adolescent females use to describe menstruation is _____.
14. The scientific term for the length of time a developing fetus spends in the womb is _____ period.

15. _____ refers to the 6 - 8 year period that all adolescent humans must endure as they approach adulthood.

B. Reproduction in Plants/Flowers:

Choose the correct word and enter it on the space provided. (15 marks)

1. The stigma, style and ovaries form the _____. (female area)

- a) stamen
- b) pistil
- c) ovule

2. _____ flowers are flowers that have both male and female parts.

- a) Imperfect
- b) Perfect
- c) Pollinating

3. _____ are flowers that have only male or only female sexual parts.

- a) Imperfect
- b) Perfect
- c) Pollinating

4. The _____ is a gigantic Asian flower that smells a lot like rotting flesh.

- a) Petunia
- b) African Fly Trap
- c) Corpse Flower

5. The _____ pollinates more flowers than any other species of insect.

- a) honeybee
- b) wasp
- c) killer bee

6. The Corpse Flower is mainly found in the _____ area of Indonesia.

- a) Singapore
- b) Sumatra
- c) Manila

7. _____, gourdes and pumpkins have only male or only female parts.

- a) Pumpkins
- b) Tomatoes
- c) Apples

8. Honeybees travel to many flowers because _____ is limited in flowers.

- a) honey
- b) nectar
- c) bee bread

9. The Corpse Flower can grow to be _____ in diameter!

a) 1 meter b) 3 meters c) 3.5 meters

10. Flowers move pollen from their own anthers to their own stigmas _____.
a) Cross-Pollination b) Self-Pollination c) Homophones

11. The ovules of a flower can be found in the _____.
a) petals b) ovaries c) stamens

12. The 'stink' of the Corpse Flower is intended to attract _____.
a) honeybees b) orangutans c) flies

13. In plants, after fertilization, the ovary swells and turns into a _____.
a) receptacle b) seed c) fruit

14. The flower _____ and the human testes both produce male sex cells.
a) stigma b) ovule c) anther

15. The female reproductive cell for a flower is found in the _____.
a) stigma b) ovary c) petals

C. Heredity:

Please write True or False in the spaces provided. (10 marks)

1. The shape and position of the ear lobe can be passed on to young humans. _____
2. In the study of heredity the word 'dominant' means weaker gene. _____
3. Heredity is the study of the characteristics that are passed on to children. _____
4. It is probable that 'a longer second toe' will eventually be a common trait. _____

5. Blue eyes are dominant over black eyes. _____
6. Living things reproduce to ensure the survival of their own kind. _____
7. A mother who has curly hair will probably pass on the characteristic of curly hair to her children. _____
8. Your 'siblings' are your nieces and nephews. _____
9. A 'paternal' characteristic is a trait that is acquired from the male side of the family. _____
10. Children can inherit the dimples on their faces from their parents. _____

Final Score ____ /20 (40 divided by 2)

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