

Department of Education
Region
Division of
SECOND PERIODICAL TEST IN SCIENCE IV

TABLE OF SPECIFICATION

OBJECTIVES	LEVEL OF BEHAVIOR						NO. OF ITEMS	% OF ITEM
	ITEM PLACEMENT							
	Re me mb er ing	Under stand ing	Appl ying	An aly zin g	E v a l u a t i n g	C r e a t i n g		
1. Demonstrate first aid measures to common bone and muscle injuries.	1						1	2.5
2. Describe the functions of the bones and muscles.	2						1	2.5
3. Identify the function of stomach and small intestine in food digestion.	3						1	2.5
4. Classify the most common problems related to digestion.	4						1	2.5
5. Identify common kidney disorders and diseases and their treatments.	5						1	2.5
6. Classify the function of the heart and lungs in the body.	6,8						2	5
7. Enumerate heart and lungs ailments.	7						1	2.5
8. Identify the different function s of the brain and how it works.	9						1	2.5
9. Identify the common causes of illnesses of the brain.	10						1	2.5
10. Identify ways to protect the internal organs of the body.		11,12					2	5
11. Infer that animals have different body structures that make them adapt to water and land.	13						1	2.5
12. Understand that animals have different body structures in getting or eating their food.		14					1	2.5
13. Infer that animals have body structures to protect themselves from their enemies.		15,16					2	5
14. Compare the body movements of animals in their habitat.	17						1	2.5
15. Identify the animals to adapted to particular habitat.		18		19			2	5
16. Identify the characteristics of terrestrial and aquatic plants.	23,25		20				3	7.5
17. Identify the specialized structures of terrestrial and aquatic plants.		26		21,22			3	7.5
18. Identify plants that grow in water, soil and air.		24					1	2.5
19. Distinguish monocot and dicot seeds as to its structures.	27						1	2.5
20. Identify the parts of the seed.		31,32,33, 34,35					5	12.5
21. Recognize the different stages of the life cycle of animals	28						1	2.5

undergoing complete metamorphosis.								
22. Describe some animals that undergo incomplete metamorphosis in their life cycle.	29						1	2.5
22. Identify the animals that are egg-laying.	30						1	2.5
23. Describe the stages of the human development.					36, 37, 38, 39, 40		5	12.5
TOTAL	18	13	1	3	5		40	100

I. Choose the letter of the correct answer. Copy the letter of the correct on the space provided before each number.

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- _____ 15. How frogs snakes and grasshoppers protected from their prey?
A. They play dead.
B. They blend color with their environment.
C. They mimic the shape, smell, and sound of their prey.
D. They secrete a poisonous substance.
- _____ 16. Animals used their legs to move from place to place. How do cows, carabaos, horses and goats use their hooves?
A. to keep them warm
B. help them move in water
C. help them walk even on hard rocks
D. for chewing grass and leaves
- _____ 17. An animal has big hind legs. Whish of the following movement can it do?
A. flying B. hopping C. running D. walking

_____18. Mang Tino lives along the seashore? He is planning to put up a business. Which of the following may he do?

- A. piggery B. poultry C. fishery D. cattle raising

_____19. Why can fish live in water?

- I. They have a mouth that can drink much water
II. They have tail that helps them swim.
III. They can open their eyes under the water.
IV. They have gills that helps them breath in water.

- A. I and II B. II and IV C. II and III D. I and IV

_____20. One morning, my younger sister waters her plant. Among her plants, she noticed that gabi leaves has more water on its top or we call morning dew. How do you call the protected structure that prevents damage of the inner art of this plant?

- A. thorns B. waxy stem C. waxy leaves D. bad taste

_____21. Mang Erning is a farmer. Last month, he planted his field with sugarcane and corn. Every weekend, he visits his plants to remove weeds. He also cultivates the soil by means of plow. He uses shirts with long sleeves so that his skin won't brushes against the leaves of his plant. How do these plants protect themselves from enemies?

- A. their leaves have hair-like structure C. bad smell
B. their leaves taste better D. their leaves have thorns

_____22. Some plants such as cacti and other plants in the desert can grow in dry soil for a long period of time. They withstand the heat of the sun. what structure helps them respond to and survive in their environment?

- A. they have thick bark B. they have sharp leaf blades
C. they have fine hair D. they possess thick and fleshy stems which prevent loss of water

_____23. What characteristics make the water hyacinth float on water?

- A. light weight of the plant C. bulbous stem filled with air
B. spreading, feathery root stem D. light rounded waxy leaves

_____24. Last week my friend received birthday gift from his father. It was a big-mouthed clear jar with a plant floating on it. What do you think is the plant inside the jar?

- A. orchids B. waterlily C. rosal D. onion

_____25. Which of the following is an example of terrestrial plant?

- A. talahib B. duckweeds C. algae D. sea lettuce

_____26. Bulbs are underground leaves that store food. Which of the following plants grow from bulbs?

- A. onions B. potato C. radish D. ginger

_____27. How many cotyledons does the a monocot seed have?

- A. one B. two C. three D. four

_____28. The third stage in complete metamorphosis is called _____.

- A. pupa B. egg C. adult D. none

_____29. How many stages of development are present in an incomplete metamorphosis?

- A. one B. two C. three D. none

_____30. Which of the following is an egg-laying animal?

- A. crocodile B. dog C. monkey D. elephant

II. Identify what stage of human development is being described. Choose from the list of words inside the box.

ADULTHOOD	INFANCY	BIRTH	CHILDHOOD	ADOLESCENCE
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_____31. Boys and girls gain more independence from their parents during this stage.

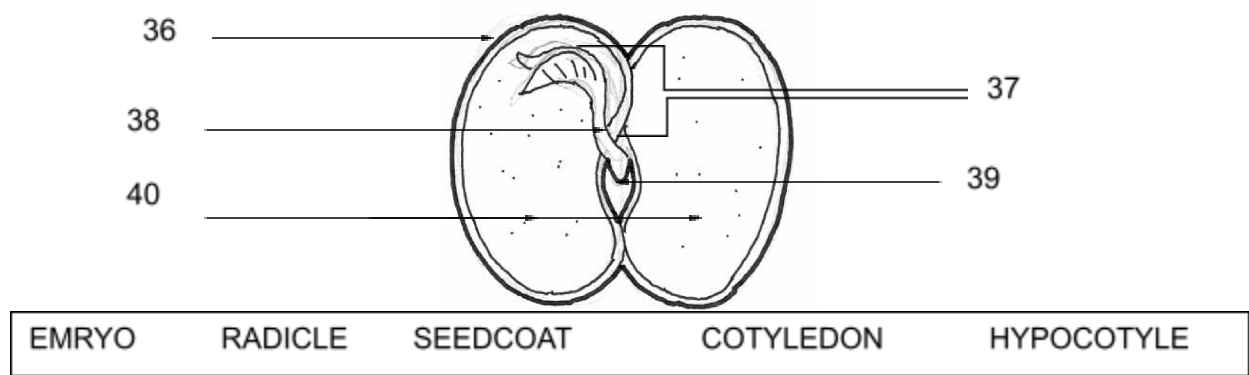
_____32. Girls at this stage begin to menstruate and are now capable of giving birth.

_____33. A child learn to walk, talk and begin to be more self-sufficient at this stage.

_____34. A child is completely dependent on the care of his parents at this stage.

_____35. The starts of the human life begins after the baby is delivered out by its mother to the world.

III. Identify the parts of the seeds. Choose from the word list in the box.



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KEY TO CORRECTION

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|-------|-----------------|
| 1. A | 31. ADULT |
| 2. B | 32. ADOLESCENCE |
| 3. A | 33. CHILDHOOD |
| 4. C | 34. BIRTH |
| 5. B | 35. INFANCY |
| 6. D | 36. SEED COAT |
| 7. C | 37. EMBRYO |
| 8. A | 38. HYPOCOTYL |
| 9. C | 39. RADICLE |
| 10. B | 40. COTYLEDON |
| 11. B | |
| 12. B | |
| 13. D | |
| 14. D | |
| 15. B | |
| 16. C | |
| 17. C | |
| 18. C | |
| 19. B | |
| 20. C | |
| 21. A | |
| 22. D | |
| 23. B | |
| 24. B | |
| 25. A | |
| 26. A | |
| 27. A | |
| 28. A | |
| 29. C | |
| 30. A | |