



# SUCCESS INTEGRATED PRIMARY SCHOOL

## END OF SEPTEMBER EXAMINATION 2020

### INTEGRATED SCIENCE FOR P.6

*Time allowed: 2 hours 15 minutes*

Name: .....

Stream : .....

#### SECTION A (40 MARKS)

1. Mention one type of cattle kept in Uganda.

---

2. Which resource helps a farmer in winnowing of their seeds?

---

3. Write one characteristic common to both a goat and a snake in terms of reproduction.

---

4. Give one way through which soil loses its fertility.

---

5. Which form of energy stimulates the sense of hearing in man?

---

6. Give any one important information found on a child health card.

---

*The diagram below shows a method of plant propagation. Use it to answer the questions that follow.*

7. Name the method of plant propagation shown in the diagram above.

---

8. Mention one danger of smoking to a person.

---

9. How is the teeth useful during digestion of food?  
\_\_\_\_\_
10. State one way of controlling common disease at home.  
\_\_\_\_\_
11. Give one example of an arachnid.  
\_\_\_\_\_
12. Why is a fire extinguisher recommended to every school?  
\_\_\_\_\_
13. Give one reason why farmer castrate their animal.  
\_\_\_\_\_
14. How do plants avoid overcrowding in any given places?  
\_\_\_\_\_
15. State a reason why displacement method is used to find the volume of a stone.  
\_\_\_\_\_
16. Which element of PHC is promoted through feeding on a balanced diet?  
\_\_\_\_\_
17. Write one way of controlling poultry vices.  
\_\_\_\_\_
18. Which bloods cells carry oxygen in the body?  
\_\_\_\_\_
19. Vultures, kites and crows were found feeding on a dead cow. What group of birds are these?  
\_\_\_\_\_

***Below is a garden tool. Use it to answer the questions that follow.***



20. In which season is the above tool used?  
\_\_\_\_\_
21. Mention one physical process involved in rain formation.  
\_\_\_\_\_

22. How does polio vaccine differ from BCG vaccine in the way they are given to a child?
- 
- 
23. Why does sugar disappear when mixed in water?
- 
24. State one way people misuse drugs.
- 
25. Apart from helping in pollination, give one other way in which wind is useful to plants.
- 
26. Which condition in babies is shown by sunken eyes and soft spot on the head?
- 
27. Give one way in which birds benefit from trees.
- 
28. Which property of air enables a doctor to administer liquid medicine using a syringe to a patient?
- 
29. Identify the human body organ where gaseous exchange take place.
- 
30. Name the component of air needed by plants to make their own food.
- 
31. By what process is alcohol made from fruit juice?
- 
32. In which way does pouring oil on stagnant water control breeding of mosquitoes?
- 
33. Apart from ferns, give one other example of a spore bearing non flowering plant.
- 
34. Apart from removing dirt, why should the udder and teats washed with warm water before milking?
- 
35. Which component of soil is formed by decomposition of organic matter?
-

---

36. Why is cassava called a root tuber?

---

37. Write one way food gets contaminated at home.

---

38. Why are earthworms called invertebrate?

---

39. Change 32°F to °C.

---

39. What kind of accident requires the use of splints in giving the first aid?

---

**SECTION B (60 MARKS)**

41. a) Name any two products got form milk.

i) \_\_\_\_\_ ii) \_\_\_\_\_

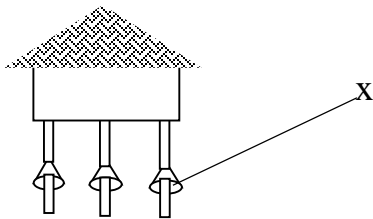
b) State one way of preserving milk.

---

c) Identify one method of milking a cow.

---

42. *Below is a farm structure. Use it to answer questions that follow.*



a) Identify the structure shown.

---

b) How are structures X important on the structure above?

---

- c) Mention any two foodstuffs stored in the above structure.
- i) \_\_\_\_\_ ii) \_\_\_\_\_
43. a) What is personal hygiene?
- \_\_\_\_\_
- \_\_\_\_\_
- b) State one way of promoting personal hygiene.
- \_\_\_\_\_
- c) Write one item used to promote personal hygiene.
- \_\_\_\_\_
- d) Give one importance of maintaining proper personal hygiene.
- \_\_\_\_\_
44. *Opio sat near Otim who was smoking cigarettes.*
- a) What type of smoking is practiced by;
- i) Opio \_\_\_\_\_
- ii) Otim \_\_\_\_\_
- b) Identify one disease caused by smoking.
- \_\_\_\_\_
- c) Give one reason why people smoke.
- \_\_\_\_\_
45. *Match correct list A with list B*
- | <b>A</b> | <b>B</b>  |      |        |       |
|----------|-----------|------|--------|-------|
| Cattle   | kidding   | i)   | Cattle | _____ |
| Pigs     | calving   | ii)  | Pigs   | _____ |
| Sheep    | farrowing | iii) | Sheep  | _____ |
| Goat     | lambing   | iv)  | Goat   | _____ |
46. a) Name the human body organ where each of the following takes place.
- i) filtration of blood \_\_\_\_\_
- ii) blood gets oxygen while carbon dioxide is removed \_\_\_\_\_
- b) Give the use of the following components of blood in the body.
- i) White blood cells \_\_\_\_\_

ii) Blood platelets \_\_\_\_\_

47. a) What does letter A stand for in PIASCY?

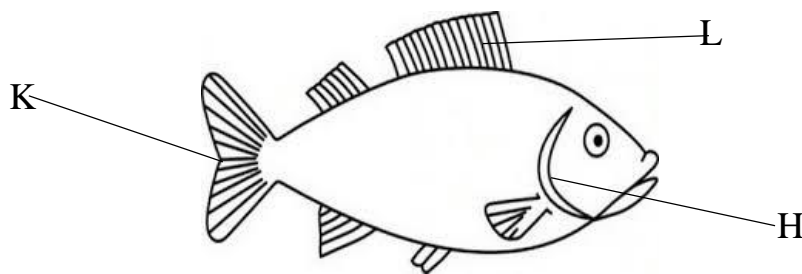
b) Write down two PIASCY messages displayed at your school that can be used to fight HIV/AIDS.

i) \_\_\_\_\_

ii) \_\_\_\_\_

c) Write one importance of PIASCY messages.

48. *The diagram below shows a fish. Use it to answer questions that follow.*



a) Which organ of the fish is protected by structure marked H?

b) Name the part marked L.

c) In which way is part labelled K useful to the fish?

d) How is a fish able to live in water?

49. a) State the difference between a pitch and volume of sound.

b) Give one factor that affect the pitch of sound.

c) Mention one reason why sound waves don't travel in a vacuum.

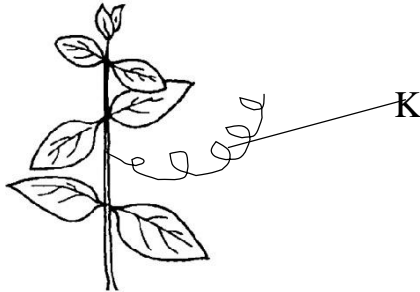
d) State one method of storing sound.

---

50. Mention one use of each of the following local materials.

- a) banana fibres \_\_\_\_\_
- b) clay soil \_\_\_\_\_
- c) papyrus \_\_\_\_\_
- d) cow dung \_\_\_\_\_

51. *Use the diagram below to answer the questions that follow.*



a) Name structure marked K.

---

b) How is structure K important to a plant?

---

c) Mention one plant with the structure K.

---

d) Give one structure in plants that has the same functions as K.

---

52. *Below is a list of resource in our environment. Use it to answer the questions that follow.*

**Minerals, Trees, Donkeys, The sun**

a) Identify one non renewable resource from the list.

---

b) Give one use of a donkey as a resource.

---

c) Identify one importance of the sun to plants.

---

d) Suggest one way of conserving trees.

---

53. a) What is soil erosion?

---

b) State any one agent of soil erosion.

---

c) Mention one cause of soil erosion.

---

d) Write one way of controlling soil erosion.

---

54. a) What is rehydration?

---

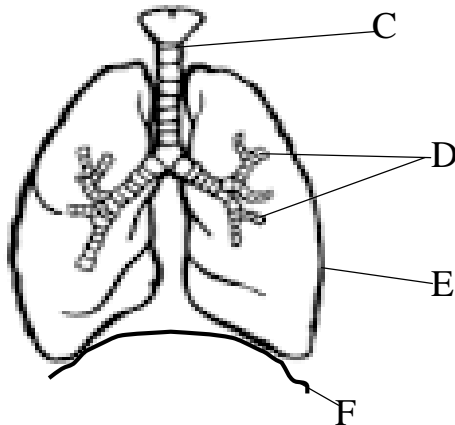
b) State any two materials used to make ORS.

i) \_\_\_\_\_ ii) \_\_\_\_\_

c) Write the first step one should do when preparing the ORS locally.

---

55. *The diagram below shows an organ in a human body.*



a) Name the body system to which the above organ belong.

---

b) Name part marked F.

---

c) Give a reason why part C is made of rings of cartilage.

---

d) State the function of part labelled D.

---

***Success!***