



TARGETER WINGS JUNIOR SCHOOL ASSESSMENT

Wings
005

GRADE 7 - 2024

Time: 1 hr 20mins

INTEGRATED SCIENCE

Name _____
School _____
Adm No: _____ Date _____

Instructions:

- (a) Write your name, school, admission number and date in the spaces provided above.
(b) Answer all questions in this question paper.

FOR EXAMINER'S USE ONLY			
Questions	Maximum score	Student's score	Performance scale
1	3		
2	1		
3	3		
4	3		
5	2		
6	3		
7	2		
8	2		
9	3		
10	1		
11	4		
12	4		
13	4		
14	4		
15	3		
16	2		
17	1		
18	2		
19	2		
20	1		
Total	50		

1. Acids and bases are widely used in our daily life in many areas of life. Mention any **three** uses of acids. (3mks)

- a. _____
- b. _____
- c. _____

2. Sharon mistakenly put milk in water. The water and milk mixed completely to form a uniform mixture. Such type of mixture is known as _____ mixture. (1mk)

3. The circulatory system helps in the transportation of materials all over the body. It is made up of the heart, the blood vessels and the blood. There are three types of blood vessels through which blood is pumped. Mention them. (3mks)

- a. _____
- b. _____
- c. _____

4. Write the SI units of the following basic quantities. (3mks)

Basic quantity	SI unit
Length	_____
Time	_____
Electric current	_____

5. Grade 7 learners were learning about laboratory apparatus. Name **two** apparatus that can be used for magnification (2mks)

- a. _____
- b. _____

6. The Grade 7 teacher of Intergrated Science taught the learners about laboratory apparatus used for measuring volume. List **three** of such apparatus. (3mks)

- a. _____
- b. _____
- c. _____

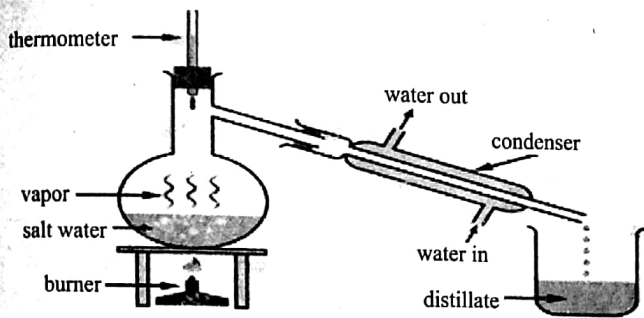
7. There are many challenges that can be encountered during the menstrual cycle. Name **two** such challenges. (2mks)

- a. _____
- b. _____

8. In male reproductive system, the part that produces male sex cells is known as (1mk)

9. Grade 7 learners carried out the experiment shown below on methods of separating mixtures. Outline **three** Basic Science skills they used during the experiment. (3mks)

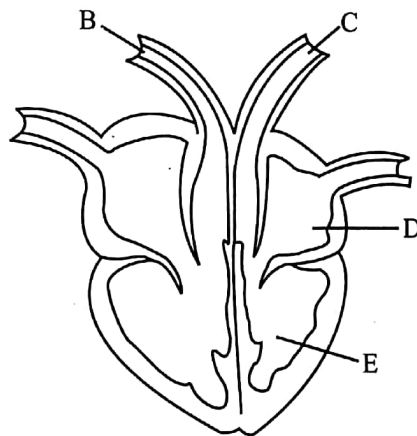
Simple Distillation



- a. _____
 b. _____
 c. _____

10. Grade 7 learners at Joy school were carrying out an experiment that involved production of a poisonous gas. For the learners' safety, the experiment should be carried out in a _____ (1mk)

11. The human heart is a muscular organ that helps in pumping blood to all body parts. Identify the parts of the heart shown below. (4mks)



- B. _____ C. _____
 D. _____ E. _____

12. An indicator is a substance that changes colour when added to acidic or basic solutions. Fill in the blank areas with the correct observations in terms of colour change when the different indicators indicated come into contact with acids or bases. (4mks)

Indicator	Acidic Solution	Basic Solution
Methyl orange		
Litmus paper		

13. Grade 7 learners were learning about the human excretory system which removes waste from our bodies.

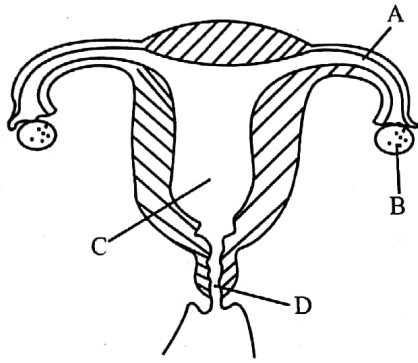
- a. Mention **two** body organs that make up the excretory system (2mks)

i. _____ ii. _____

- b. Mention **two** parts that make up the urinary system. (2mks)

i. _____ ii. _____

14. Teacher Jane was teaching the grade 7 learners of Faith school about the human reproductive system. She drew the diagram below of the female reproductive system. Name the parts labelled A – D and give their functions. (4mks)

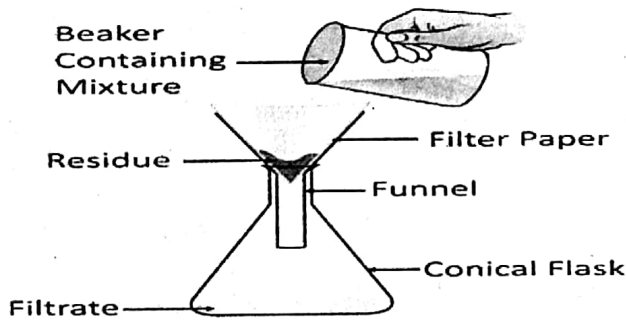


- A. _____
 B. _____
 C. _____
 D. _____

15. Joy, a 12-year old Grade 6 learner was worried because she had started noticing some changes happening on her body which she thought were abnormal. Mention **three** changes she might have experienced on her body at this age. (3mks)

- a. _____ b. _____
 c. _____

16. Grade 7 learners at Bidii school were learning mixtures and methods of separating them. They learnt about the method shown below



Name **two** mixtures that can be separated by the above method. (2mks)

- a. _____ b. _____

17. James accidentally mixed sand particles and iron filings. Which method can he use to separate the two? (1mk)

18. The pH scale is the most common way to measure how acidic or basic a substance is. Solutions with a pH less than 7 are _____ while solutions with a pH more than 7 are _____. (2mks)

19. Being their first time to be in a Science laboratory, Grade 7 learners in Joyous school were taught about laboratory safety. They learnt about hazard symbols and their meanings. Give the meanings of the hazard symbols below. (2mks)

a)



b)



20. Mention **one** derived quantity.

(1mk)