

# TARGETER WINGS

## JUNIOR SECONDARY SCHOOL ASSESSMENT

### GRADE 8 - 2024



Wings  
001

TIME: 1 hour 20 mins

### 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	2		
4	3		
5	3		
6	2		
7	1		
8	4		
9	2		
10	1		
11	5		
12	1		
13	2		
14	2		
15	2		
16	3		
17	4		
18	2		
19	4		
20	3		
<b>Total</b>	<b>50</b>		

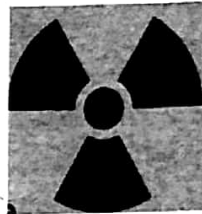
**INTEGRATED SCIENCE**

1. Define the following components of Integrated Science. (3 marks)
- a) Biology - .....
- b) Chemistry - .....
- c) Physics - .....
2. A special room or building in which Scientific research or experiments are carried out is known as ..... (1 mark)
3. Identify the common hazard symbols drawn below (2 marks)

a)



b)



4. Grade 7 learners in Joywise Junior school set up an experiment on simple distillation. Outline three Scientific skills that they used as they carried out the experiment. (3 marks)
- a) .....
- b) .....
- c) .....

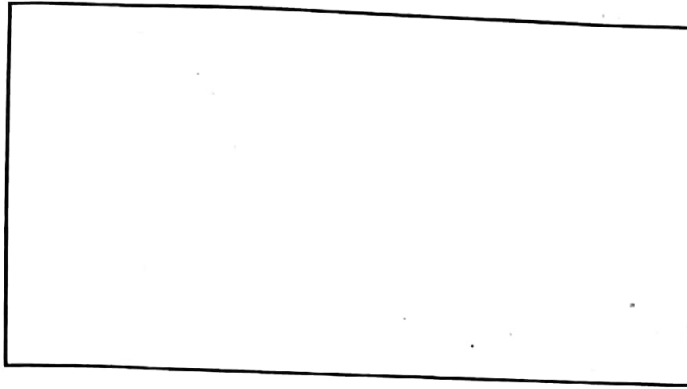
5. Match the following Basic quantities with their S.I units (3 marks)

Basic quantity	SI unit
Length	
Time	
Electric current	

6. Name two apparatus that can be used for magnification (2 marks)
- a) .....
- b) .....
7. A mixture in which two or more substances mix uniformly into each other is known as a ..... mixture. (1 mark)
8. Mention the four phases of the menstrual cycle. (4 marks)
- a) .....
- b) .....
- c) .....
- d) .....
9. State two challenges related to menstrual cycle. (2 marks)
- a) .....
- b) .....
10. After fertilisation, the zygote travels down the fallopian tube into the uterus and attaches itself into the uterine wall. This process is known as ..... (1 mark)

11. **Draw and label the Human urinary system**

(5 marks)



12. Grade 7 students rubbed some balloons using their hair. They then tried to stick the balloons to the wall. The rubbed balloons stuck to the wall as a result of .....(1 mark)

13. Name **two** sources of electrical energy. (2 marks)

a) .....

b) .....

14. Mention **two** ways of promoting wellness in individuals. (2 marks)

a) .....

b) .....

15. Differentiate between macronutrients and micronutrients and give **one** example of each. (2 marks)

.....  
.....  
.....  
.....

16. List **three** uses of water in our bodies (3 marks)

a) .....

b) .....

c) .....

17. There are conditions and diseases that affect the digestive system. List **four** of them. (4 marks)

a) .....

b) .....

c) .....

d) .....

18. Define mental illness and give two examples of mental illnesses.

(2 marks)

.....  
.....  
.....  
.....

19. The diagram below shows a first aid kit. List two items that are found in it and their uses.(4 marks)



a) .....  
b) .....  
c) .....  
d) .....

20. Outline three functions of the skin

(3 marks)

a) .....  
b) .....  
c) .....