

GRADE 7 GENERAL SCIENCE
Quiz 2021

Section: A

Multiple-Choice Questions

INSTRUCTIONS: Answer **all** questions in this section.

Circle the letter beside the **correct** answer.

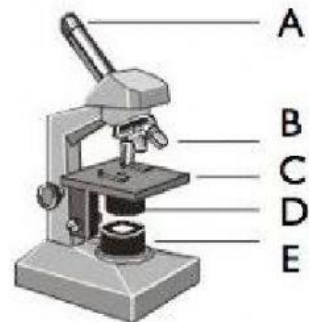
Only one answer is correct.

e.g. a **b** c d

1) Which branch of science studies **only plants**?

- a. Archaeology
- b. Anthropology
- c. Botany
- d. Zoology

2) Which part of the microscope **holds the slide**?



3) What is the correct procedure to follow when **diluting an acid**?

- a. Add acid to unknown chemicals
- b. Add acid to water
- c. Add water to acid
- d. Add acid to known chemicals

4) Which **protective gear** is shown in the diagram below?

- a. Apron
- b. Face mask
- c. Gloves
- d. Goggles



5) This is the part at the **bottom of the body tube** that holds the objective lenses and allows them to be turned. What is this structure called?

- a. Diaphragm
- b. Fine adjustment knob
- c. Lamp
- d. Nosepiece

6) Which branch of science studies the **structure and properties of matter**?

- a. Biology
- b. Chemistry
- c. Meteorology
- d. Physics

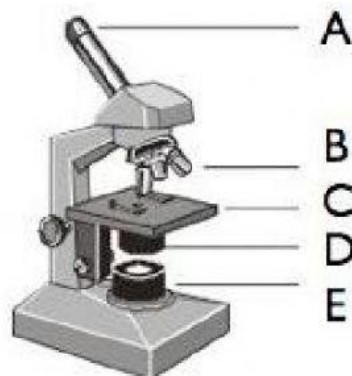
7) Which diagram shows the safety symbol for “**corrosive**”?



8) Which branch of science studies **animals only**?

- a. Archaeology
- b. Anthropology
- c. Botany
- d. Zoology

9) Which part of the microscope **magnifies the object** to different specifications?

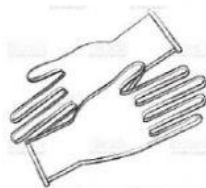


10) Which of the following actions are **NOT allowed** in a science lab?

- a. Eating and drinking
- b. Reporting all accidents to teacher
- c. Tying back long hair
- d. Wearing protective clothing

11) Which **protective gear** is shown in the diagram?

- a. Apron
- b. Face mask
- c. Gloves
- d. Goggles



12) A/An _____ is a person who **catches and sells fish and other seafood**.

- a. Doctor
- b. Engineer
- c. Farmer
- d. Fisherman

13) Which branch of science studies **climate and weather**?

- a. Chemistry
- b. Geology
- c. Meteorology
- d. Oceanography

14) Which diagram shows the safety symbol for “**flammable**”?

- a. 
- b. 
- c. 
- d. 

15) The following diagram shows is a _____

- a. Boiling tube
- b. Conical flask
- c. Crucible
- d. Measuring cylinder



16) A _____ is a person who explains and describes facts about science

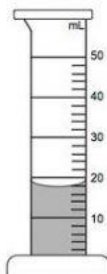
- a. Dentist
- b. Doctor
- c. Teacher
- d. Pilot

17) The function of a gauze is to

- a. deliver a small volume of liquid.
- b. only hold liquid chemicals.
- c. separate solids from liquids.
- d. spread heat of the Bunsen burner.

18) The following diagram is a _____

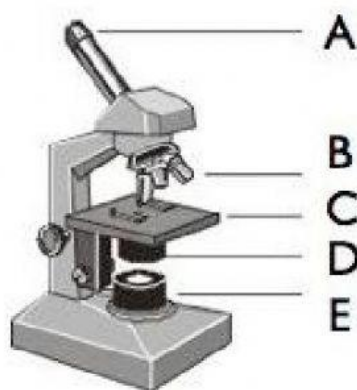
- a. Measuring cylinder
- b. Pipe-clay triangle
- c. Spatula
- d. Test tube holder



19) The function a thermometer is to

- a. Heat substances
- b. Mix substances
- c. Provide the temperature
- d. Support a pipe-clay triangle

20) Which part of the microscope is a light source?



- 21) This is the large knob on the microscope that you turn to bring the object into focus. What is its name?
- Coarse adjustment knob
 - Diaphragm
 - Fine adjustment knob
 - Lamp
- 22) A/An _____ is a person who studies oceans of the earth
- Astronomer
 - Emergency Medical Technologist
 - Engineer
 - Oceanographer
- 23) What instrument is used to measure mass?
- Dropper
 - Triple beam balance
 - Tripod
 - Wash bottle

- 24) What is the name of the **protective gear** below?



- Apron
 - Face mask
 - Gloves
 - Googles
- 25) All of the following instructions are lab rules **EXCEPT**
- always add water to acid

- b. never work alone in the lab
- c. remove ties when performing experiments
- d. use a fume cupboard to handle toxic vapors

26) What is the name of the equipment shown?

- a. Fire extinguisher
- b. First aid kit
- c. Goggles
- d. Insulated gloves

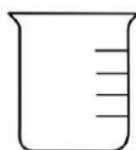


27) Which branch of science is the study of sun, moon, stars, planets, and space?

- a. Archaeology
- b. Astronomy
- c. Botany
- d. Zoology

28) The diagram below shows a lab apparatus called a _____

- a. Pipette
- b. Conical flask
- c. Crucible
- d. Beaker



29) A/An _____ is a person who treats sick people

- a. Designer
- b. Doctor
- c. Engineer
- d. Pilot

30) The following is a diagram of a _____

- a. Beaker
- b. Evaporating dish
- c. Filter funnel
- d. Tripod



(30 points)

Section B

Short Answer Questions

Instructions: Give the best possible answer for each question.

2) The pictures below show various technological devices (10 points)



A



B



C

a) What is the definition of "Science"? (2)

b) What is the relation between technology? (2)

c) Name the technological devices shown above (3)

Technological Device	Name
A	
B	
C	
D	

d) Name any OTHER technological device which is not on this page, and briefly describe how that device makes life easier (3)

Section C

True OR False Questions

Instructions: Read each statement and CIRCLE the words either "True" or "False" (5 points)

1) We carry the microscopes by the stage clips.	True	False
2) The lamp provides light for the microscope slide.	True	False
3) Microscopes makes small objects appear larger.	True	False
4) Physical science is the study of the physical world.	True	False
5) Earth science is the study of oceans only.	True	False

TOTAL POINTS: 15