



GC WOMEN UNIVERSITY SIALKOT

(Department of Environmental Sciences)

E-mail: env.sc@gcwus.edu.pk

The **Entry Test** carries a total weightage of 100% and consists of 100 MCQs, distributed as follows:

- **Verbal English:** 15%
- **Subject GRE:** 70%
- **Mathematics and analytical reasoning:** 15%

Name: _____

CNIC #: _____

Department: _____ Environmental Sciences

Invigilator Name: _____

Invigilator's Sign: _____

Date: _____

Total Marks: 100

Instructions for Students:

1. Please attach the Question Paper with this Answer Book.
2. Use of lead pencils and markers is not allowed.
3. Usage of ink remover is not allowed.
4. Extra time will not be granted.
5. Cheating will lead to cancellation of paper.
6. Use of Mobile phone is prohibited in the examination.

1. Choose the synonym of “**Abundant**”:

- A) Scarce
- B) Plentiful
- C) Limited
- D) Rare

2. Choose the antonym of “**Ancient**”:

- A) Old
- B) Historic
- C) Modern
- D) Traditional

3. Choose the correct spelling:

- A) Enviroment
- B) Envirnoment
- C) Environment
- D) Environmant



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4. Choose the correct sentence:

- A) She go to university daily.
- B) She goes to university daily.
- C) She going to university daily.
- D) She gone to university daily.

5. The word “**Mitigate**” means:

- A) Increase
- B) Reduce
- C) Destroy
- D) Ignore

6. Fill in the blank: “He is interested ____ environmental science.”

- A) on
- B) at
- C) in
- D) for

9. Choose the synonym of “**Preserve**”:

- A) Protect
- B) Waste
- C) Remove
- D) Damage

10. Fill in the blank: “Neither the teacher nor the students ____ absent.”

- A) was
- B) is
- C) were
- D) has

11. The basic functional unit of an ecosystem is:

- A) Species
- B) Population
- C) Ecosystem
- D) Community

12. Green plants are known as:

- A) Consumers
- B) Producers
- C) Decomposers
- D) Predators

13. Organisms that break down dead organic matter are called:

- A) Producers
- B) Herbivores
- C) Decomposers
- D) Carnivores



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14. Which gas is most abundant in Earth's atmosphere?
- A) Oxygen
 - B) Carbon dioxide
 - C) Nitrogen
 - D) Hydrogen
15. Approximately what percentage of Earth's atmosphere is nitrogen?
- A) 21%
 - B) 78%
 - C) 10%
 - D) 0.04%
16. Approximately what percentage of Earth's atmosphere is oxygen?
- A) 78%
 - B) 50%
 - C) 21%
 - D) 1%
17. The major greenhouse gas released by burning fossil fuels is:
- A) Oxygen
 - B) Carbon dioxide
 - C) Nitrogen
 - D) Helium
18. The greenhouse effect is primarily responsible for:
- A) Earth's warming
 - B) Earthquakes
 - C) Ocean tides
 - D) Soil formation
19. The main cause of ozone layer depletion is:
- A) Carbon monoxide
 - B) CFCs
 - C) Oxygen
 - D) Nitrogen
20. The ozone layer is mainly found in the:
- A) Troposphere
 - B) Stratosphere
 - C) Mesosphere
 - D) Thermosphere
21. The ozone layer protects Earth from:
- A) Infrared radiation
 - B) Ultraviolet radiation
 - C) Radio waves
 - D) Sound waves



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22. Acid rain is mainly caused by emissions of:

- A) Oxygen and hydrogen
- B) Sulfur dioxide and nitrogen oxides
- C) Carbon dioxide and oxygen
- D) Methane and helium

23. Which is a renewable source of energy?

- A) Coal
- B) Petroleum
- C) Solar energy
- D) Natural gas

24. Which is a non-renewable energy source?

- A) Wind
- B) Solar
- C) Coal
- D) Hydropower

25. Water vapor changing into liquid water is called:

- A) Evaporation
- B) Condensation
- C) Sublimation
- D) Transpiration

26. The process through which plants release water vapor is called:

- A) Respiration
- B) Transpiration
- C) Photosynthesis
- D) Condensation

27. Photosynthesis mainly uses:

- A) Oxygen and nitrogen
- B) Carbon dioxide and water
- C) Nitrogen and methane
- D) Oxygen and hydrogen

28. What is 25% of 200?

- A) 25
- B) 40
- C) 50
- D) 75

29. If $5x = 40$, what is x ?

- A) 5
- B) 8
- C) 10
- D) 15



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30. What is $15 + 25 \times 2$?

- A) 80
- B) 65
- C) 55
- D) 50

31. What is $\frac{3}{4}$ expressed as a percentage?

- A) 25%
- B) 50%
- C) 75%
- D) 80%

32. What is $\sqrt{144}$?

- A) 10
- B) 11
- C) 12
- D) 14

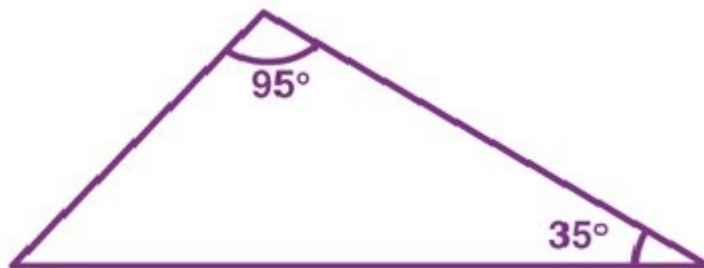
33. A ratio of 2:3 means:

- A) $\frac{2}{3}$
- B) $\frac{3}{2}$
- C) $\frac{5}{2}$
- D) $\frac{2}{5}$

34. If a rectangle has length 10 cm and width 5 cm, its area is:

- A) 15 cm^2
- B) 30 cm^2
- C) 50 cm^2
- D) 100 cm^2

35. Find the missing angle in the given figure.



- A) 50°
- B) 180°
- C) 90°
- D) 40°