



DEPARTMENT OF EMPLOYMENT AND TRAINING TNPSC GROUP II A MAINS - UNIT II

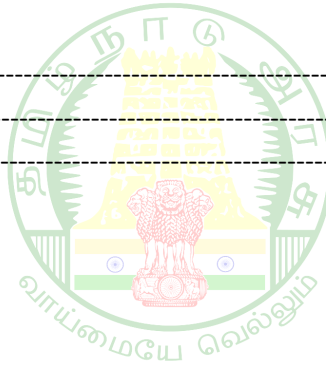
Course : TNPSC Group II A Mains Material

Subject : General Intelligence and Reasoning

Topic : Verification of Truth statement

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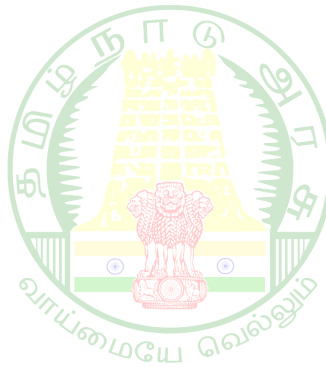
Director,
Department of Employment and Training.

Verification Of Truth Statement

INTRODUCTION:

Verification of truth involves examining the core components or characteristics of a concept, object, or system to confirm its validity. This process ensures alignment with universally accepted definitions or facts. Each question aims to identify essential elements that must always exist in the given context.

1. Human Body Systems
2. Elements of Nature
3. Technological Devices
4. Buildings and Infrastructure
5. Vehicles and Transportation
6. Ecosystems and Environments
7. Machines and Tools
8. Astronomy and Space
9. Geography and Landforms
10. Biological Organisms
11. Energy and Power Systems
12. Weather and Climate
13. Electronics and Gadgets
14. Food and Nutrition
15. Social Structures and Institutions



1. Human Body Systems

A respiratory system always has...

Options:

- a) Lungs
- b) Trachea
- c) Diaphragm
- d) Blood vessels
- e) Answer Not Known

Answer: a) Lungs

Explanation: The lungs are the primary organ of the respiratory system, facilitating gas exchange. Other parts, like the trachea and diaphragm, are supportive but not universally essential to define the system.

2. Elements of Nature

Question: A river always has...

Options:

- a) Water

- b) Fish
- c) Source
- d) Banks
- e) Answer Not Known

Answer: a) Water

Explanation: A river is fundamentally defined by the presence of flowing water. While sources and banks may vary in appearance or type, water is indispensable.

3. Technological Devices

Question: A smartphone always has...

Options:

- a) Screen
- b) Battery
- c) Camera
- d) Internet
- e) Answer Not Known

Answer: b) Battery

Explanation: A battery is essential for powering a smartphone. Features like a screen or internet connection are secondary and not strictly necessary for all smartphones.

4. Buildings and Infrastructure

Question: A house always has...

Options:

- a) Roof
- b) Walls
- c) Door
- d) Windows
- e) Answer Not Known

Answer: a) Roof

Explanation: The roof is fundamental in defining a structure as a house, providing shelter. Walls and doors enhance usability but are not strictly necessary.

5. Vehicles and Transportation

Question: A car always has...

Options:

- a) Tires
- b) Engine
- c) Brakes



- d) Seatbelts
- e) Answer Not Known

Answer: b) Engine

Explanation: An engine is critical for a car's functionality. Tires, brakes, and seatbelts are necessary for operation and safety but are not part of the core definition.

6. Ecosystems and Environments

Question: A forest always has...

Options:

- a) Trees
- b) Animals
- c) Rivers
- d) Rain
- e) Answer Not Known

Correct Answer: a) Trees

Explanation: Forests are primarily defined by dense tree cover, while animals, rivers, or rain may vary depending on the type of forest.

7. Machines and Tools

Question: A fan always has...

Options:

- a) Blades
- b) Motor
- c) Switch
- d) Wire
- e) Answer Not Known

Correct Answer: b) Motor

Explanation: A motor is fundamental to a fan's operation, as it drives the rotation. Blades and switches are design elements that vary.

8. Astronomy and Space

Question: A star always has...

Options:

- a) Light
- b) Heat
- c) Hydrogen



- d) Planets
- e) Answer Not Known

Correct Answer: c) Hydrogen

Explanation: Hydrogen is essential for stars, as nuclear fusion occurs using this element. Light, heat, and planets are secondary outcomes.

9. Geography and Landforms

Question: A mountain always has...

Options:

- a) Snow
- b) Rocks
- c) Height
- d) Trees
- e) Answer Not Known

Correct Answer: c) Height

Explanation: A mountain is defined by its height relative to surrounding terrain. Snow, rocks, and trees vary across different mountains.

10. Biological Organisms

Question: A bird always has...

Options:

- a) Feathers
- b) Wings
- c) Beak
- d) Flight
- e) Answer Not Known

Correct Answer: a) Feathers

Explanation: Feathers are unique to birds and are always present, even in flightless species. Wings and beaks are common but not defining characteristics.

11. Energy and Power Systems

Question: A wind turbine always has...

Options:

- a) Blades
- b) Tower
- c) Generator



- d) Wire
- e) Answer Not Known

Correct Answer: a) Blades

Explanation: Blades are essential for converting wind energy into mechanical energy. Other components vary in design.

12. Weather and Climate

Question: A hurricane always has...

Options:

- a) Eye
- b) Strong winds
- c) Rain
- d) Clouds
- e) Answer Not Known

Correct Answer: b) Strong winds

Explanation: Strong winds define hurricanes, while features like rain or an eye depend on the storm's intensity.

13. Electronics and Gadgets

Question: A television always has...

Options:

- a) Screen
- b) Remote
- c) Speaker
- d) Wires
- e) Answer Not Known

Correct Answer: a) Screen

Explanation: A screen is essential for a television to display visuals. Speakers and remotes are optional features.

14. Food and Nutrition

Question: A balanced diet always has...

Options:

- a) Proteins
- b) Carbohydrates
- c) Fats
- d) Water
- e) Answer Not Known



Correct Answer: b) Carbohydrates

Explanation: Carbohydrates are a primary energy source in a balanced diet. Proteins and fats may vary depending on dietary requirements.

15. Social Structures and Institutions

Question: A government always has...

Options:

- a) Leaders
- b) Territory
- c) Citizens
- d) Laws
- e) Answer Not Known

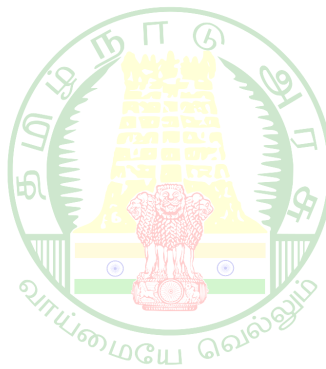
Correct Answer: d) Laws

Explanation: Laws are fundamental to any government system. Leaders, citizens, and territories may vary in form and governance style.

Practice Questions

1. A respiratory system always has...

- a) Lungs
- b) Trachea
- c) Diaphragm
- d) Blood vessels
- e) Answer Not Known



2. A river always has...

- a) Water
- b) Fish
- c) Source
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3. A smartphone always has...

- a) Screen
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4. A house always has...

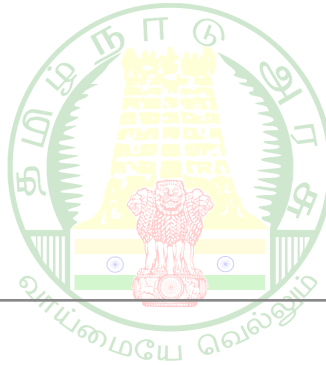
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5. A car always has...

- a) Tires
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 - d) Seatbelts
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6. A forest always has...

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-

**7. A fan always has...**

- a) Blades
 - b) Motor
 - c) Switch
 - d) Wire
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8. A star always has...

- a) Light
 - b) Heat
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9. A mountain always has...

- a) Snow
 - b) Rocks
 - c) Height
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10. A bird always has...

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11. A wind turbine always has...

- a) Blades
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12. A hurricane always has...

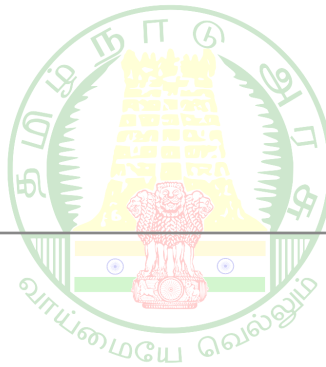
- a) Eye
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13. A television always has...

- a) Screen
 - b) Remote
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14. A balanced diet always has...

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- b) Carbohydrates
 - c) Fats
 - d) Water
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15. A government always has...

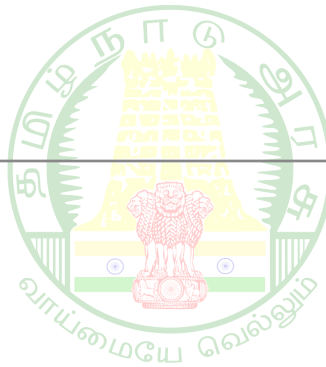
- a) Leaders
 - b) Territory
 - c) Citizens
 - d) Laws
 - e) Answer Not Known
-

16. A desert always has...

- a) Sand
 - b) Dryness
 - c) Heat
 - d) Cacti
 - e) Answer Not Known
-

17. An ocean always has...

- a) Salt
 - b) Depth
 - c) Fish
 - d) Waves
 - e) Answer Not Known
-

**18. A volcano always has...**

- a) Lava
 - b) Crater
 - c) Magma
 - d) Smoke
 - e) Answer Not Known
-

19. An island always has...

- a) Sand
- b) Water surrounding it
- c) Trees

- d) Animals
 - e) Answer Not Known
-

20. A computer always has...

- a) CPU
- b) Keyboard
- c) Monitor
- d) Mouse
- e) Answer Not Known

Answer Key

1. a) 2. a) 3. b) 4. a) 5.b) 6.a) 7.b) 8.c) 9.c) 10.a) 11.a) 12.b) 13.a) 14.b) 15.d) 16.b) 17.b) 18.c) 19.b) 20.a)

