

**INTERNATIONAL TALENT SEARCH EXAMINATION**

**2024 – 2025 PRACTICE PAPER**

**CLASS – 2 ( SCIENCE )**

**(Set -A)**

Q1) Which of the following is a characteristic of living thing?

- a) Reproduction
- b) Rock Formations
- c) Water Evaporation
- d) Chemical Reaction

Q.2) By which living organisms maintain a stable internal environment?

- a) Reproduction
- b) Sensitivity
- c) Homeostasis
- d) Growth

Q.3) Which of the following is a non-living process?

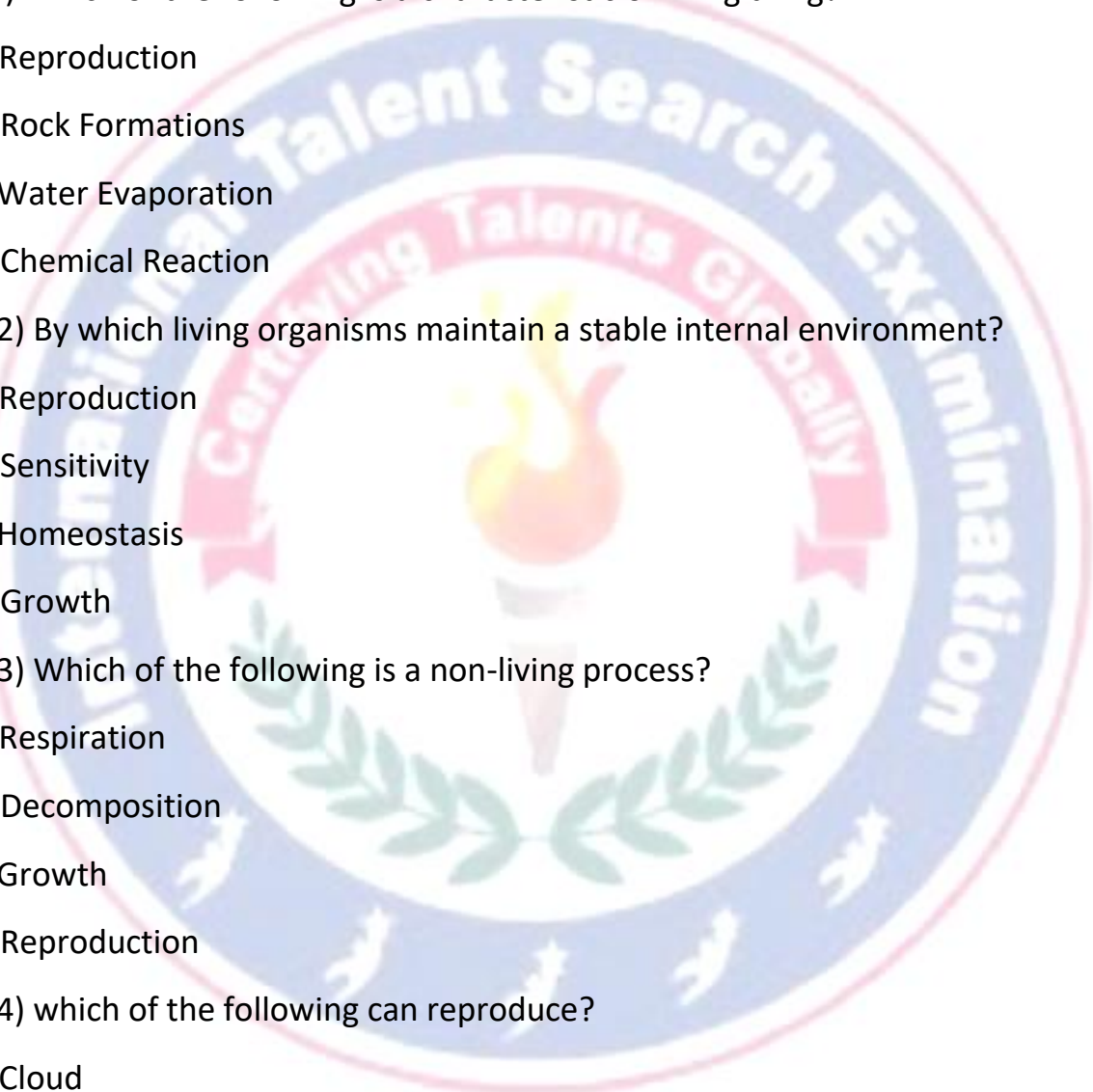
- a) Respiration
- b) Decomposition
- c) Growth
- d) Reproduction

Q.4) which of the following can reproduce?

- a) Cloud
- b) Call phone
- c) Bacteria
- d) Volcano

Q.5) What differentiate living from non living things ?

- a) Complexity of structure



# INTERNATIONAL TALENT SEARCH EXAMINATION

## 2024 – 2025 PRACTICE PAPER

b) Solid state

c) Lack of movement

d) uniform composition

Q.6) Which plant hormone is responsible for the ripening of fruits ?

a) Gibberellin

b) Ethylene

c) Auxin

d) cytokinin

Q.7) Which of the following is not a type of plant movement ?

a) Phototropism

b) Gravitropism

c) Thigmotropism

d) none of these

Q.8) Which part of the plant protect the flower bud before it bloom ?

a) Sepal

b) petal

c) Stamen

d) Pistil

Q.9) By which plant produce of spring using seeds ?

a) pollination

b) Fertilization

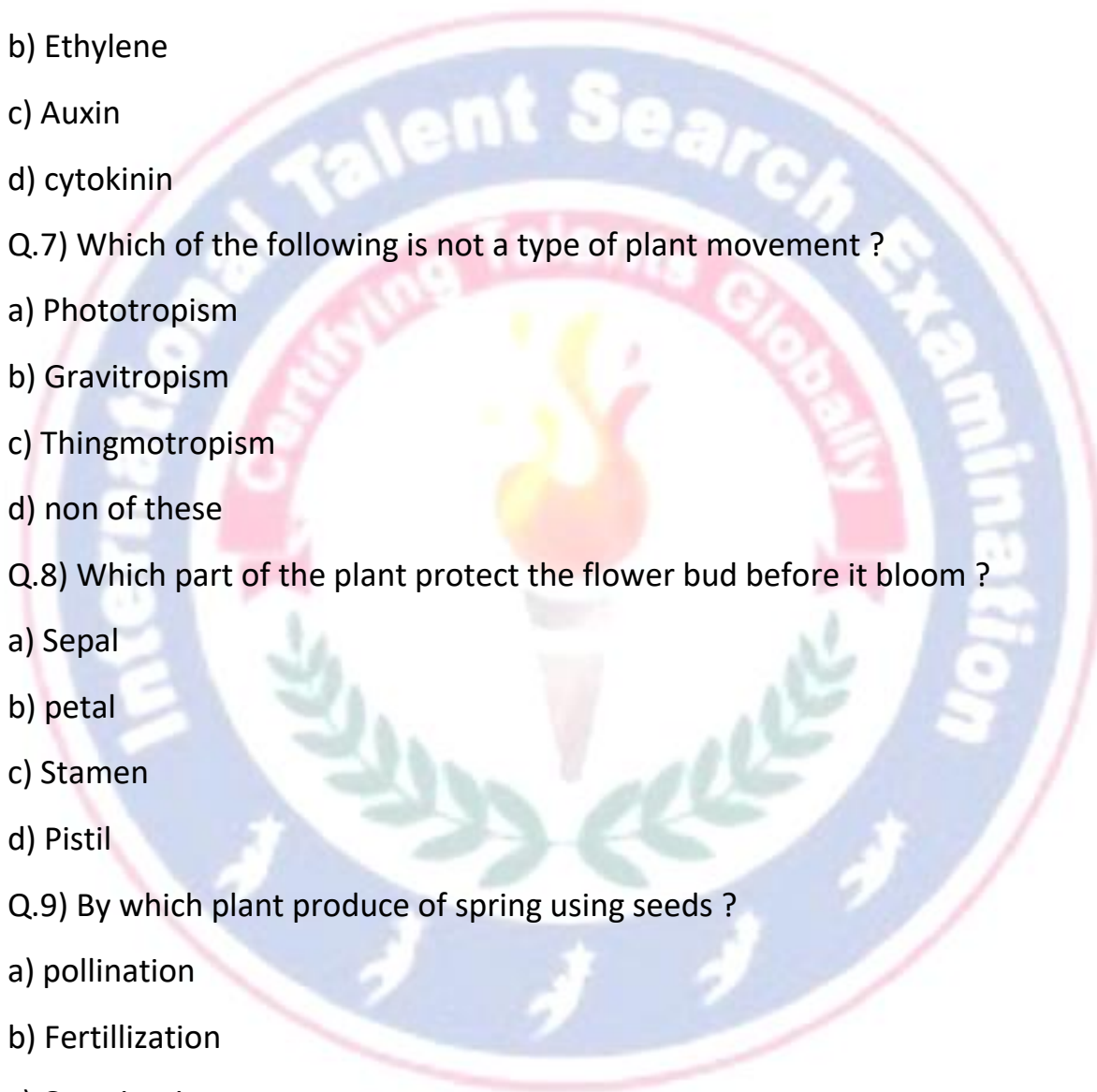
c) Germination

d) Reproduction

Q.10) What is the large of the earth atmosphere closest to its surface ?

a) Stratosphere

b) Troposphere



# INTERNATIONAL TALENT SEARCH EXAMINATION

## 2024 – 2025 PRACTICE PAPER

c) Hydrosphere

d) Thermosphere

Q.11) Which of the following is not a green house gas ?

a) Methane

b) Carbon dioxide

c) Oxygen

d) Water vapour

Q.12) Which layer of earth is divided into tectonic plates ?

a) crust

b) Mantle

c) Outer core

d) Inner core

Q.13) Which of the following is not a primary component of air ?

a) Oxygen

b) Carbon dioxide

c) Hydrogen

d) Nitrogen

Q.14) What is the name for the process of water seeping into the ground ?

a) Infiltration

b) Runoff

c) Erosion

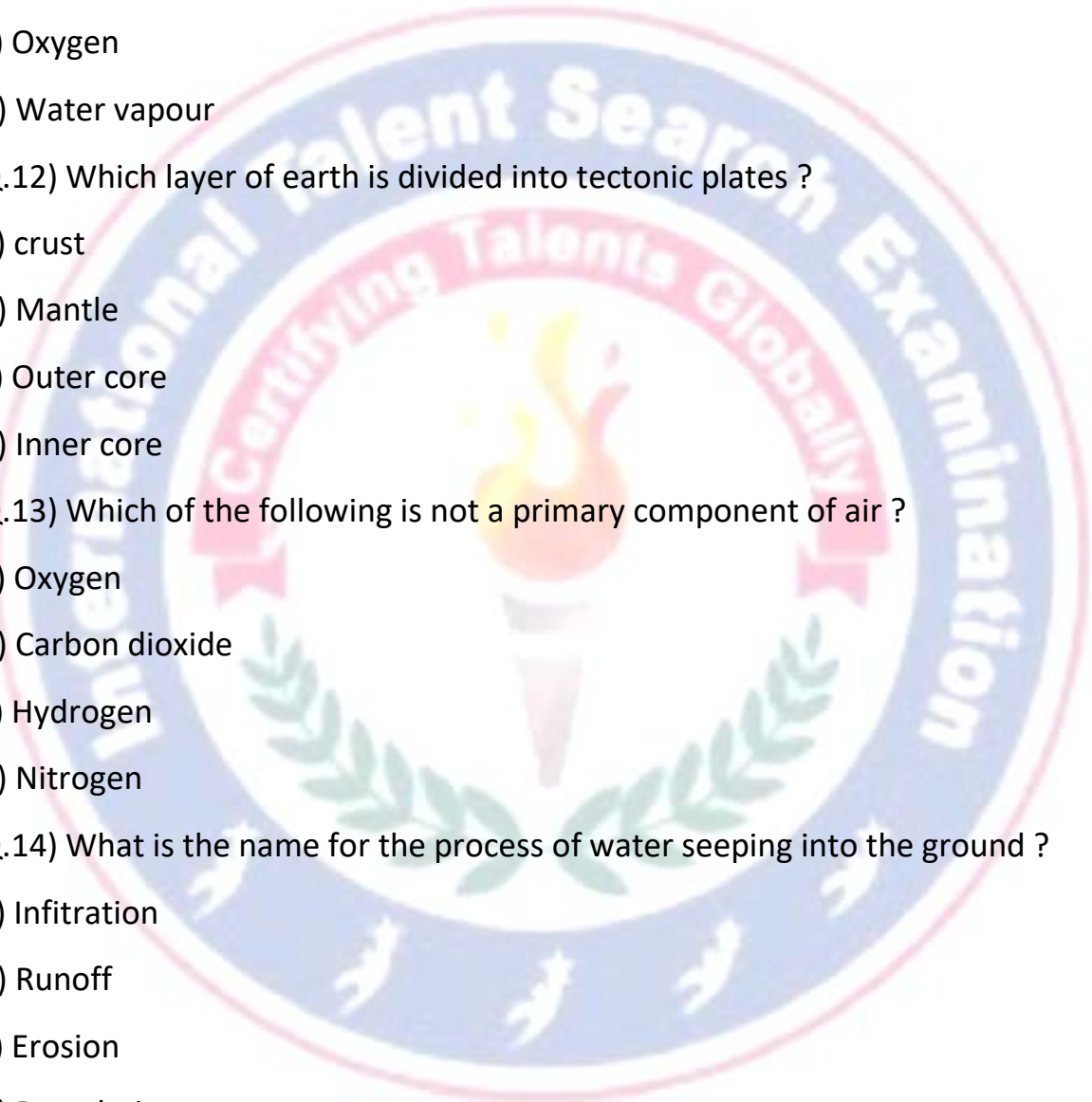
d) Percolation

Q.15) What is the layer of grasses surrounding earth called ?

a) Atmosphere

b) Lithosphere

c) Hydrosphere



# INTERNATIONAL TALENT SEARCH EXAMINATION

## 2024 – 2025 PRACTICE PAPER

d) Biosphere

Q.16) By which plant release oxygen into the atmosphere

a) Photosynthesis

b) Respiration

c) Transpiration

d) Fermentation

Q.17) Animal who only eat the flesh of other animals are known as

a) Herbivores

b) omnivores

c) carnivores

d) None of these

Q.18) How many planets are there in our solar system ?

a) 4

b) 6

c) 8

d) 11

Q.19) Which of these is an omnivore animal ?

a) Cow

b) Mouse

c) Lion

d) Buffalo

Q.20) What is the name of the planet we live on

a) Mars

b) Jupiter

c) Earth

d) Saturn



# INTERNATIONAL TALENT SEARCH EXAMINATION

## 2024 – 2025 PRACTICE PAPER

Q.21) Which of these creatures can't breathe underwater ?

- a) Human
- b) Shark
- c) Cat
- d) Both C & A

Q.22) Which mineral is crucial for muscle contraction and nerve transmission ?

- a) Zinc
- b) Magnesium
- c) Potassium
- d) Sodium

Q.23) Which Vitamin is important for collagen formation and wound healing ?

- a) Vitamin E
- b) Vitamin D
- c) Vitamin C
- d) Vitamin A

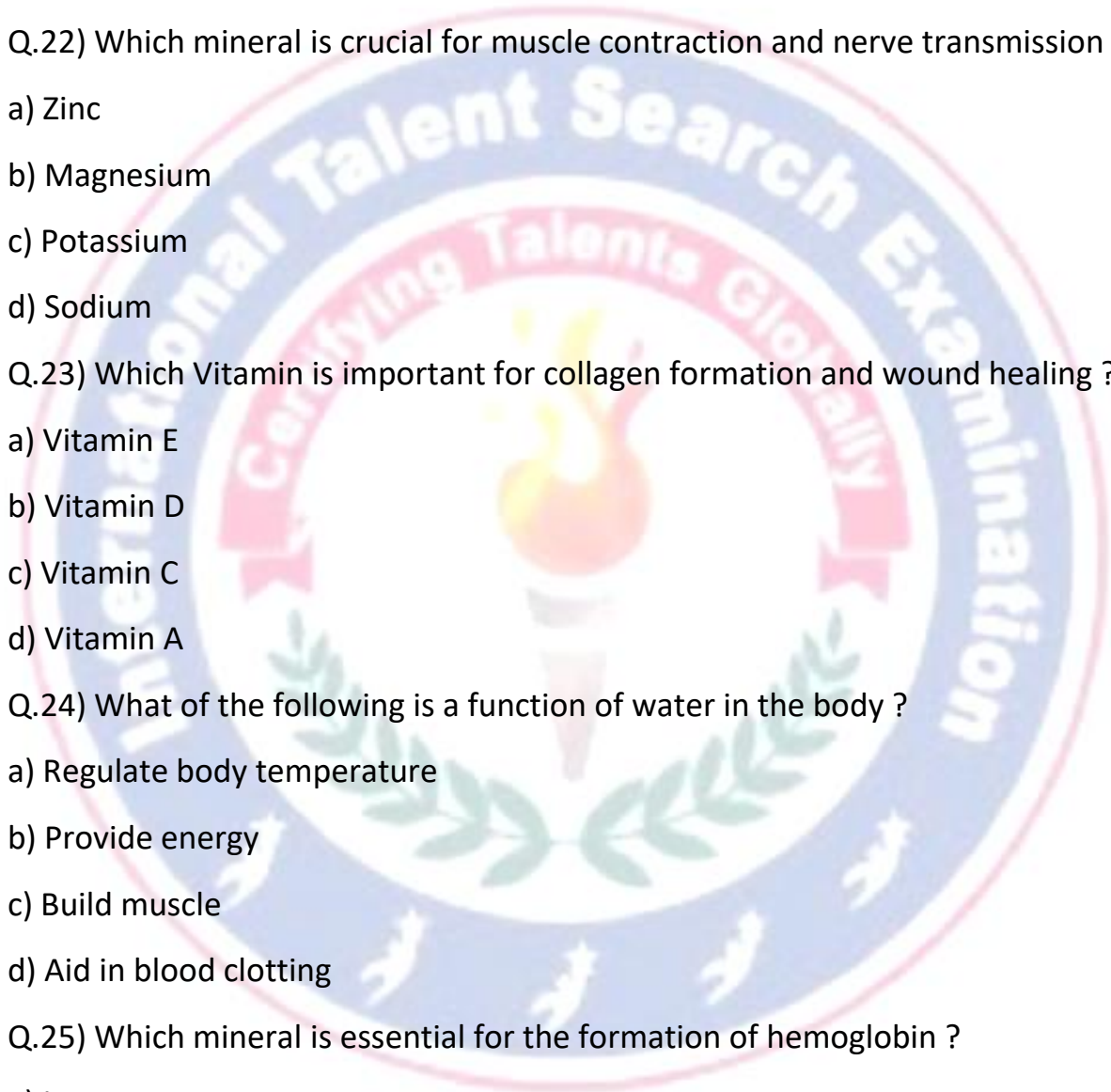
Q.24) What of the following is a function of water in the body ?

- a) Regulate body temperature
- b) Provide energy
- c) Build muscle
- d) Aid in blood clotting

Q.25) Which mineral is essential for the formation of hemoglobin ?

- a) Iron
- b) Potassium
- c) Calcium
- d) Magnesium

Q.26) What percentage of the human body is water ?



# INTERNATIONAL TALENT SEARCH EXAMINATION

## 2024 – 2025 PRACTICE PAPER

a) 50-55%

b) 75-80%

c) 90-95%

d) 65-70%

Q.27) Which of the following is a rich source of iron ?

a) Yogurts

b) Apples

c) White bread

d) Spinach

Q.28) Which mineral is crucial for maintaining healthy bones and teeth ?

a) Calcium

b) Potassium

c) Sodium

d) Iron

Q.29) Which nutrients is the body main source of energy ?

a) Protein

b) carbohydrates

c) Fat

d) Vitamin

Q.30) Which organ is responsible for filtering waste products from the blood ?

a) Liver

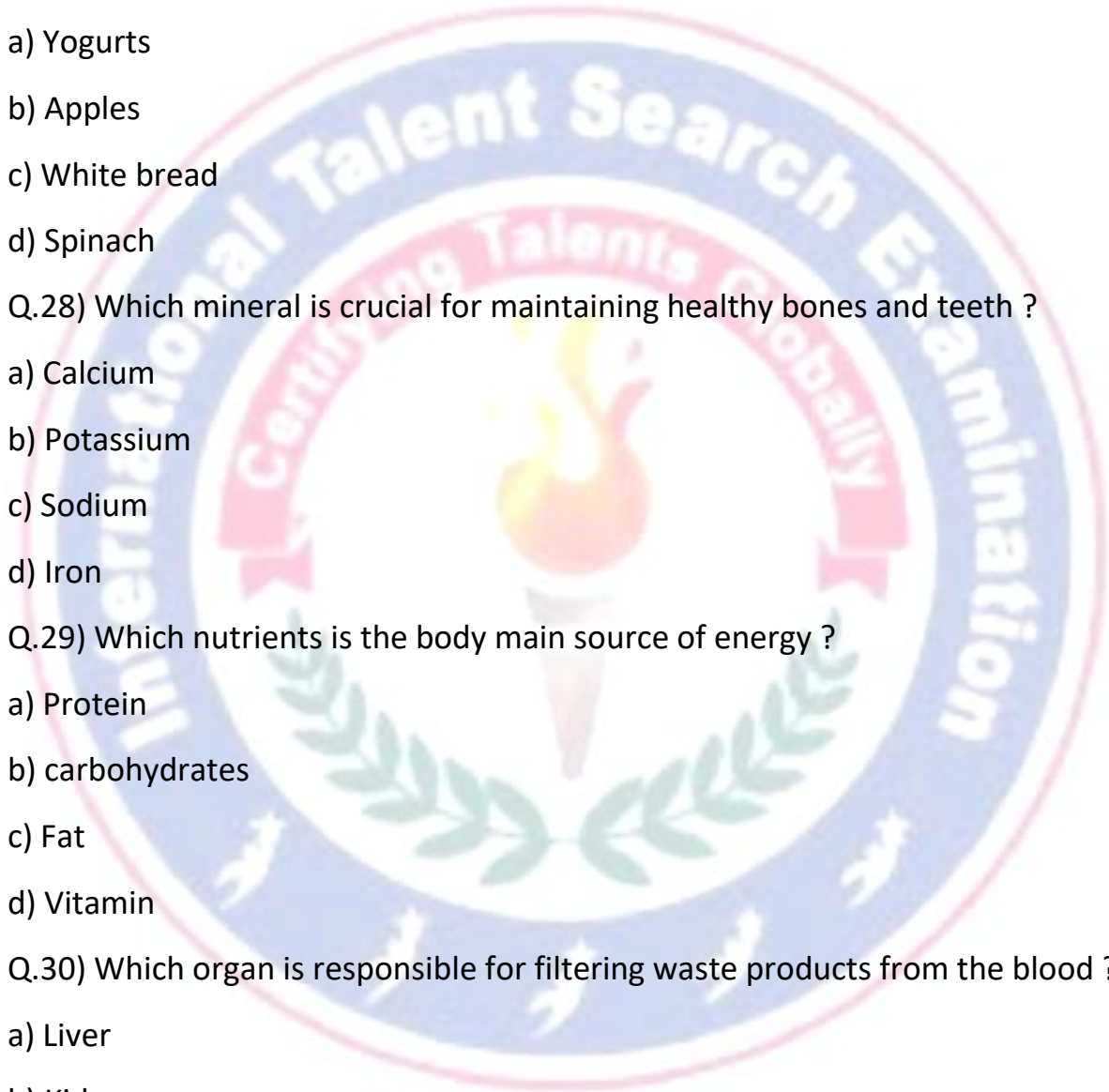
b) Kidney

c) Stomach

d) Heart

Q.31) What is the longest bone in the human body ?

a) Femur



# INTERNATIONAL TALENT SEARCH EXAMINATION

## 2024 – 2025 PRACTICE PAPER

- b) Tibia
- c) Humerous
- d) Fibula

Q.32) Which is commonly used for making formal attire ?

- a) Denim
- b) Cotton
- c) Flannel
- d) Silk

Q.33) Which fabric is known for its ability to keep the body warm even when wet ?

- a) Silk
- b) Polyester
- c) Cotton
- d) Wood

Q.34) Which type of material is best suited for making water proof jacket ?

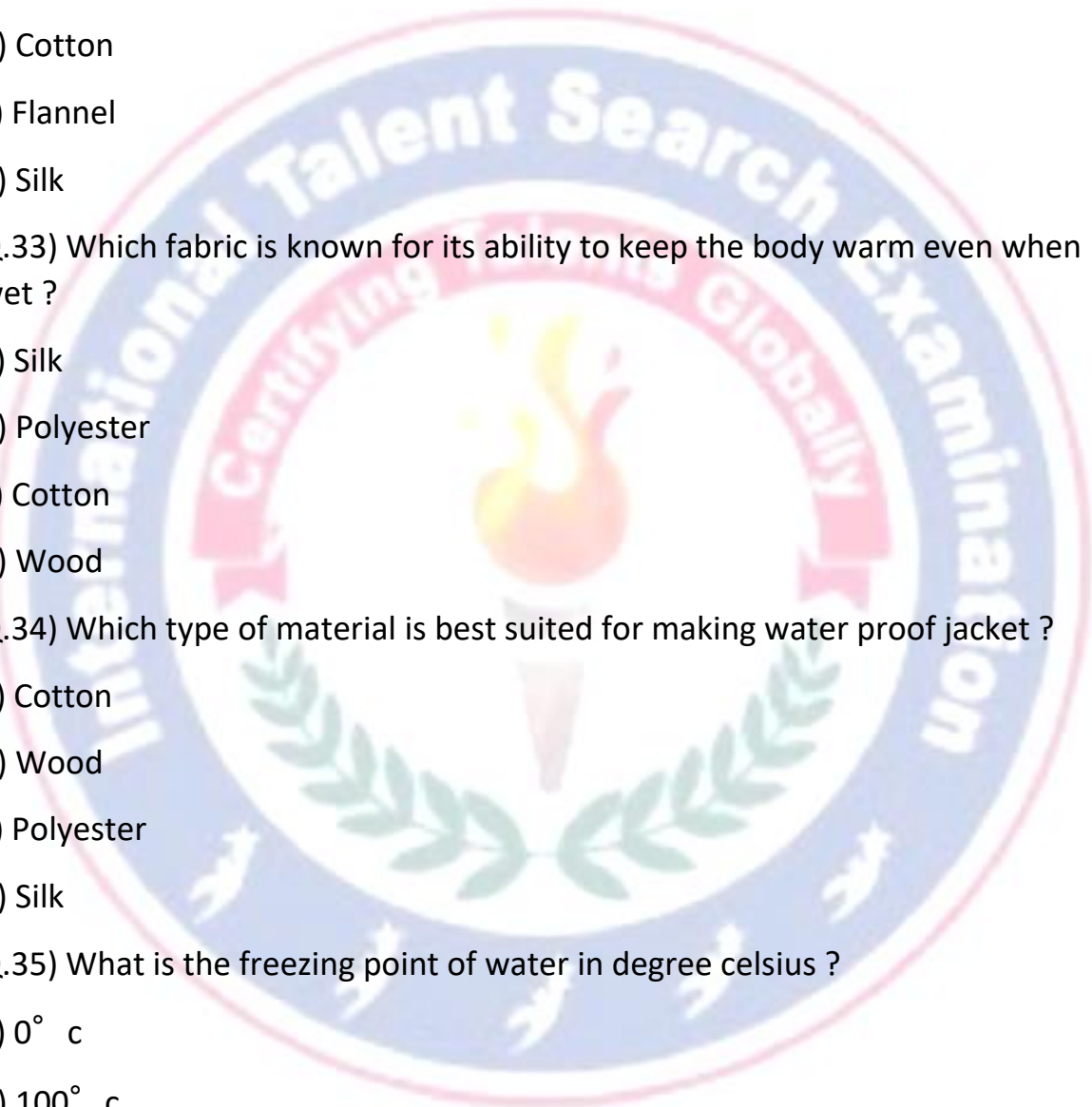
- a) Cotton
- b) Wood
- c) Polyester
- d) Silk

Q.35) What is the freezing point of water in degree celsius ?

- a)  $0^{\circ}$  c
- b)  $100^{\circ}$  c
- c)  $-273^{\circ}$  c
- d)  $-100^{\circ}$  c

Q.36) What process describes water changing from a liquid to a gas ?

- a) Condensation



# INTERNATIONAL TALENT SEARCH EXAMINATION

## 2024 – 2025 PRACTICE PAPER

b) Evaporation

c) Sublimation

d) Freezing

Q.37) Which layer of the atmosphere is closest to the earth surface ?

a) Troposphere

b) Stratosphere

c) Mesosphere

d) Thermosphere

Q.38) What instrument is used to measure air pressure ?

a) Barometer

b) Thermometer

c) Anemometer

d) Hygrometer

Q.39) What unit is used to measure wind speed ?

a) Celsius

b) Miles per hour (mph)

c) Kilogram

d) Pascals

Q.40) Which animal has the longest lifespan ?

a) Tortoise

b) Elephant

c) Dog

d) Human

Q.41) What is the following of the exoskeleton in insects ?

a) Protection

b) Respiration





# INTERNATIONAL TALENT SEARCH EXAMINATION

## 2024 – 2025 PRACTICE PAPER

c) Digestion

d) Sight

Q.42) Which animal has the ability to regrow its lost body parts ?

a) Frog

b) Lizard

c) Salamander

d) Snail

Q.43) Which organ do insects use for sensing smells ?

a) Antenna

b) Eyes

c) Ears

d) Mouth

Q.44) What is the name of the space craft that first landed human on the moon ?

a) Voyager

b) Apollo

c) Soyuz

d) Discovery

Q.45) What is the primary function of gills in fish ?

a) Breathing

b) Digestion

c) Sight

d) Hearing

