

**INTERNATIONAL TALENT SEARCH EXAMINATION**

**2024 – 2025 PRACTICE PAPER**

**CLASS – 6 ( SCIENCE )**

**(Set - A)**

Q.1) The bacteria which provides nitrogen the leguminous plants is

- a) Lichens
- b) Rhizobium
- c) Yeast
- d) Fungi

Q.2) The breakdown of complex components of food into simpler substance is called

- a) Nutrition
- b) Respiration
- c) Digestion
- d) Breathing

Q.3) Name the device used for morning temperature is

- a) Degree celsius
- b) Kilogram
- c) Second
- d) Meter

Q.4) A change in which a substance undergoes change in its physical properties is called

- a) No change
- b) Physics change
- c) Chemical change
- d) Biological change

Q.5) The transfer of heat which does not require any medium is called



# INTERNATIONAL TALENT SEARCH EXAMINATION

## 2024 – 2025 PRACTICE PAPER

- a) Vaporization
- b) Conduction
- c) Radiation
- d) Convection

Q.6) The component that are necessary for our body are called

- a) Pulses
- b) Minerals
- c) Vitamins
- d) Nutrients

Q.7) The process of digestion taking place in grass - eating animals is called

- a) Assimilation
- b) Rumination
- c) Absorption
- d) Egestion

Q.8) The department which proper weather report is

- a) Meteorological department
- b) Electrical department
- c) Civil department
- d) Telicom department

Q.9) Which part of the plant get carbon dioxide from air in photosynthesis ?

- a) Root hair
- b) Stomata
- c) Leaf veins
- d) Sepals

Q.10) The process of taking in food by on animals and its utilization in the body is called



# INTERNATIONAL TALENT SEARCH EXAMINATION

## 2024 – 2025 PRACTICE PAPER

a) Ingestion

b) Digestion

c) Nutrition

d) Egestion

Q.11) Rampur bushair and bakharwal are the breeds of

a) Camel

b) Sheep

c) Yak

d) Goat

Q.12) Digital thermometer available these days for measuring temperature are

a) Water

b) Alcohol

c) None of these

d) Mercury

Q.13) The property which is common between vinegar and curd is that they

a) Have sweet taste

b) Have sour taste

c) Have bitter

d) Are taste less

Q.14) The ozone layer in the upper atmosphere of earth absorbs most of the

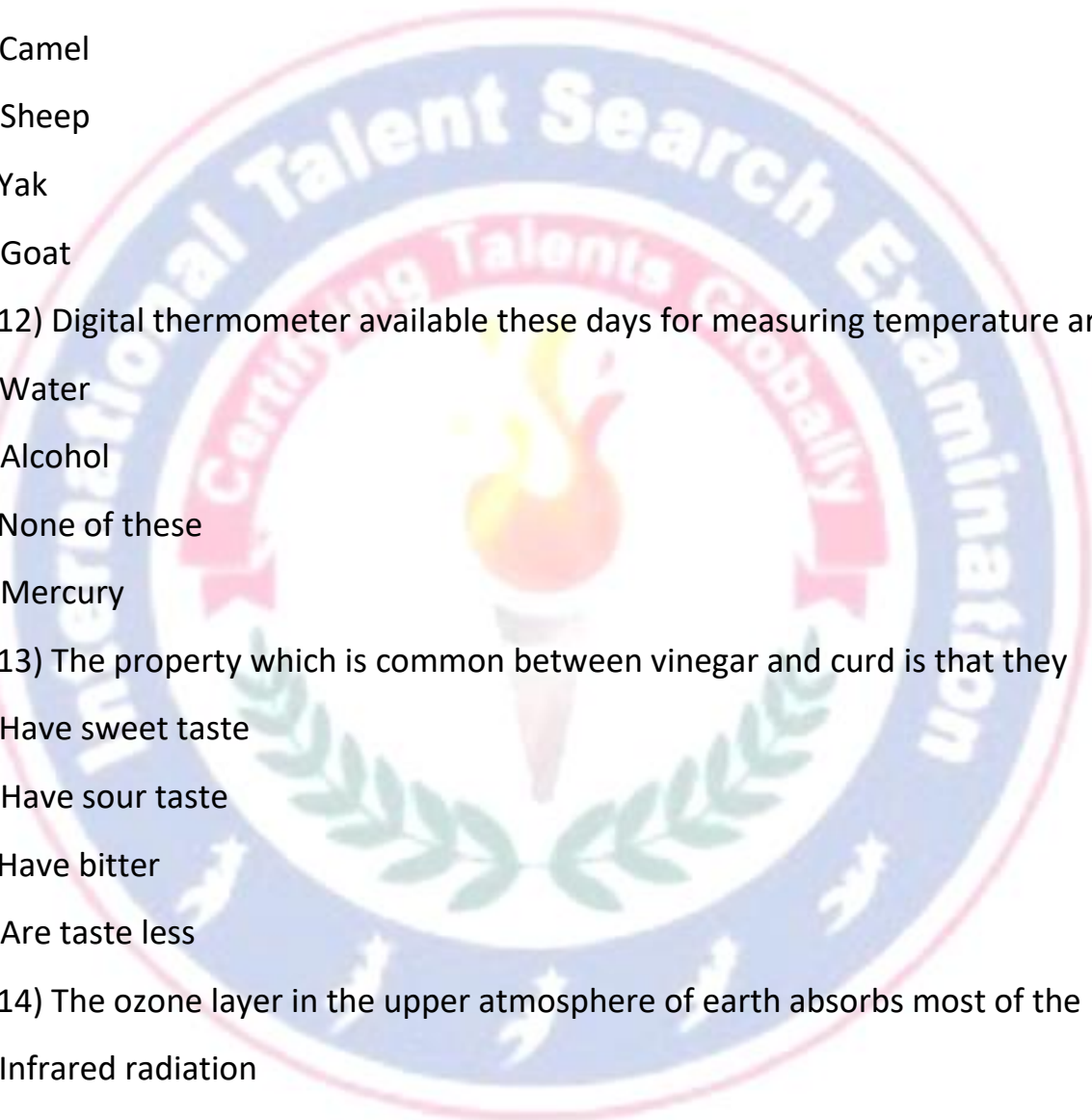
a) Infrared radiation

b) Ultraviolet

c) Ultrasonic radiation

d) Infrasonic radiation

Q.15) A climate which is neither very hot in summer nor very cold in winter is called



# INTERNATIONAL TALENT SEARCH EXAMINATION

## 2024 – 2025 PRACTICE PAPER

- a) Desert climate
- b) Temperature climate
- c) Tropical climate
- d) Polar climate

Q.16) Which of the following factors does not contribute to the development of a thunderstorm ?

- a) Humidity
- b) Wind speed
- c) Temperature
- d) Rotation of earth

Q.17) which of the following organisms produce biogas from Sludge in the digester's tank of a Waste water treatment plant ?

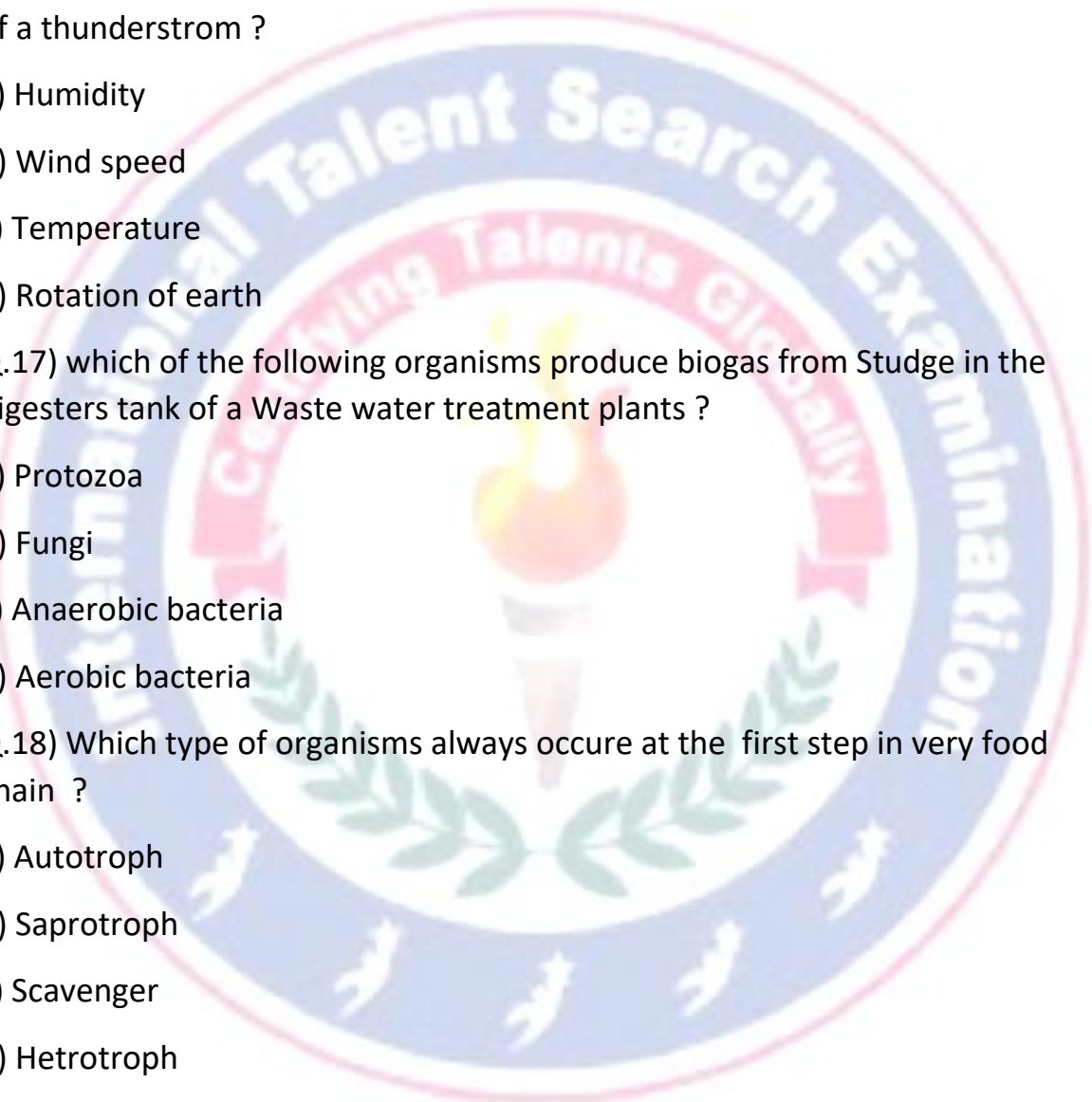
- a) Protozoa
- b) Fungi
- c) Anaerobic bacteria
- d) Aerobic bacteria

Q.18) Which type of organisms always occur at the first step in every food chain ?

- a) Autotroph
- b) Saprotroph
- c) Scavenger
- d) Heterotroph

Q.19) The minimum amount of water recommended by the United Nations per person per day is

- a) 50 L
- b) 25 L
- c) 75 L



# INTERNATIONAL TALENT SEARCH EXAMINATION

## 2024 – 2025 PRACTICE PAPER

d) 40 L

Q.20) The image formed by a spherical mirror is virtual. The mirror will be

a) Either concave or convex

b) Metallic

c) Concave

d) Convex

Q.21) In a filament type bulb a lot of electric energy is wasted in the form of

a) Sound

b) Light

c) Steel

d) Magnetic

Q.22) The measurement of small time intervals become possible with the development of

a) Sundial

b) Pendulum clock

c) Sand clock

d) Water clock

Q.23) The process of fusion of the male and female gametes is called

a) Reproduction

b) Seed formation

c) Pollination

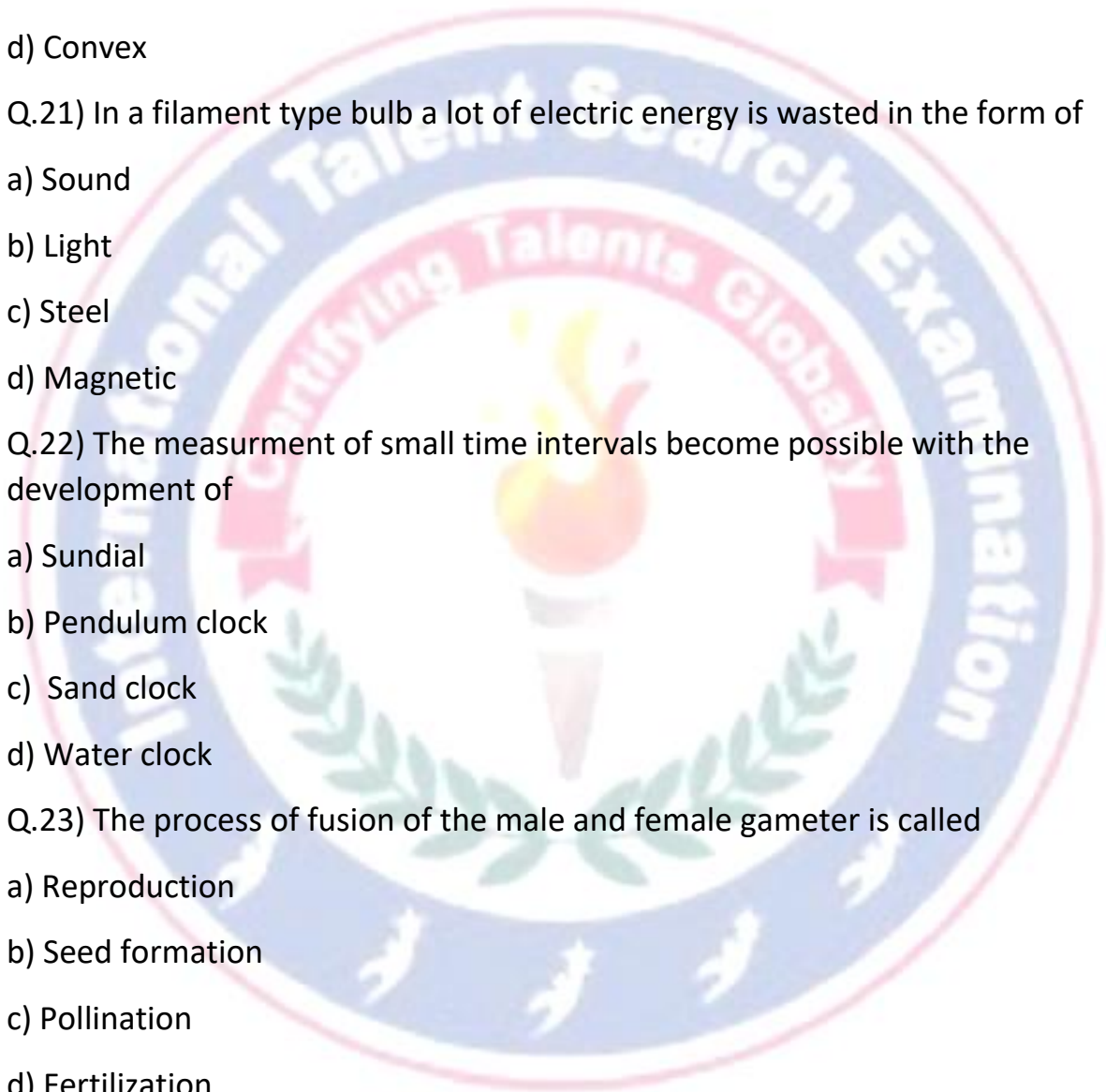
d) Fertilization

Q.24) The cells in blood which destroy disease-causing germs are

a) Red blood cells

b) Skin cells

c) White blood cells



# INTERNATIONAL TALENT SEARCH EXAMINATION

## 2024 – 2025 PRACTICE PAPER

d) Platelets

Q.25) Which of the following phenomenon does not occur in the atmosphere ?

a) Earthquake

b) Wind

c) Tornado

d) Cyclone

Q.26) The climate of an indian state is said to be hot and humid .This state is likely to be :

a) Rajasthan

b) Kerala

c) Haryana

d) Kashmir

Q.27) Impure copper sulphate powder can be the process of :

a) Galvanization

b) Evaporation

c) Sublimation

d) Cystallisation

Q.28) Which of the following does not cause acid rain ?

a) Sulphur dioxide

b) Nitrogen dioxide

c) Carbon dioxide

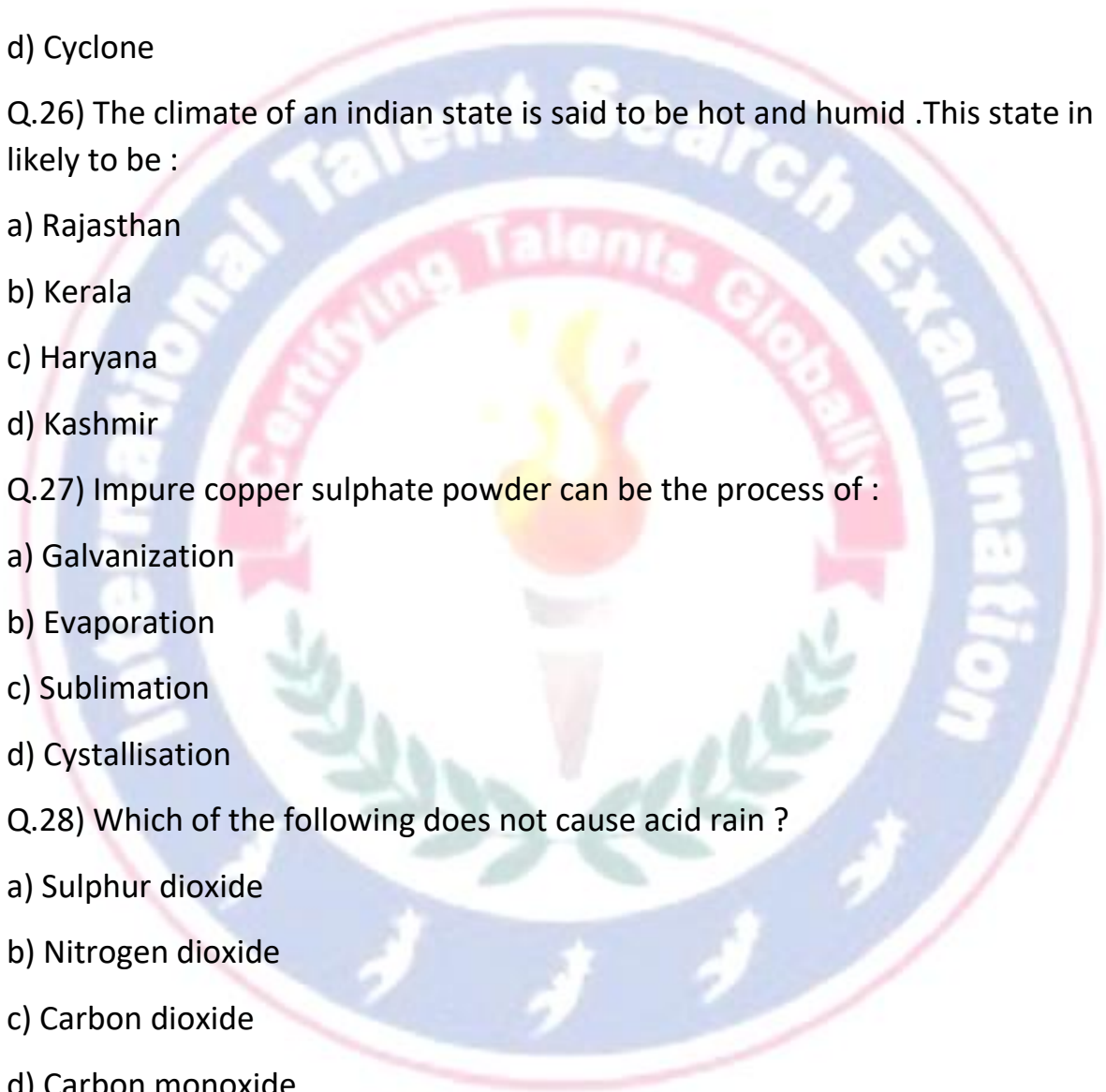
d) Carbon monoxide

Q.29) The normal temperature of a healthy person is thirty seven degree on :

a) Celsius scale

b) Kelvin scale

c) Roemer scale



# INTERNATIONAL TALENT SEARCH EXAMINATION

## 2024 – 2025 PRACTICE PAPER

d) Fahrenheit

Q.30) Which one of the following cannot be an effect of soil erosion ?

a) Desalination

b) Flooding

c) Desalinization

d) Famine

Q.31) The animal which can breathe through the lungs as well as through skin is :

a) Dolphin

b) Frogs

c) Crocodile

d) Fish

Q.32) The wave of expansion of an artery when blood is forced into it is called

a) Heartbeat

b) Pulse

c) Ticking

d) Flow

Q.33) The seeds / fruits of which of the following plant are not dispersed by wind ?

a) Grass

b) Cotton

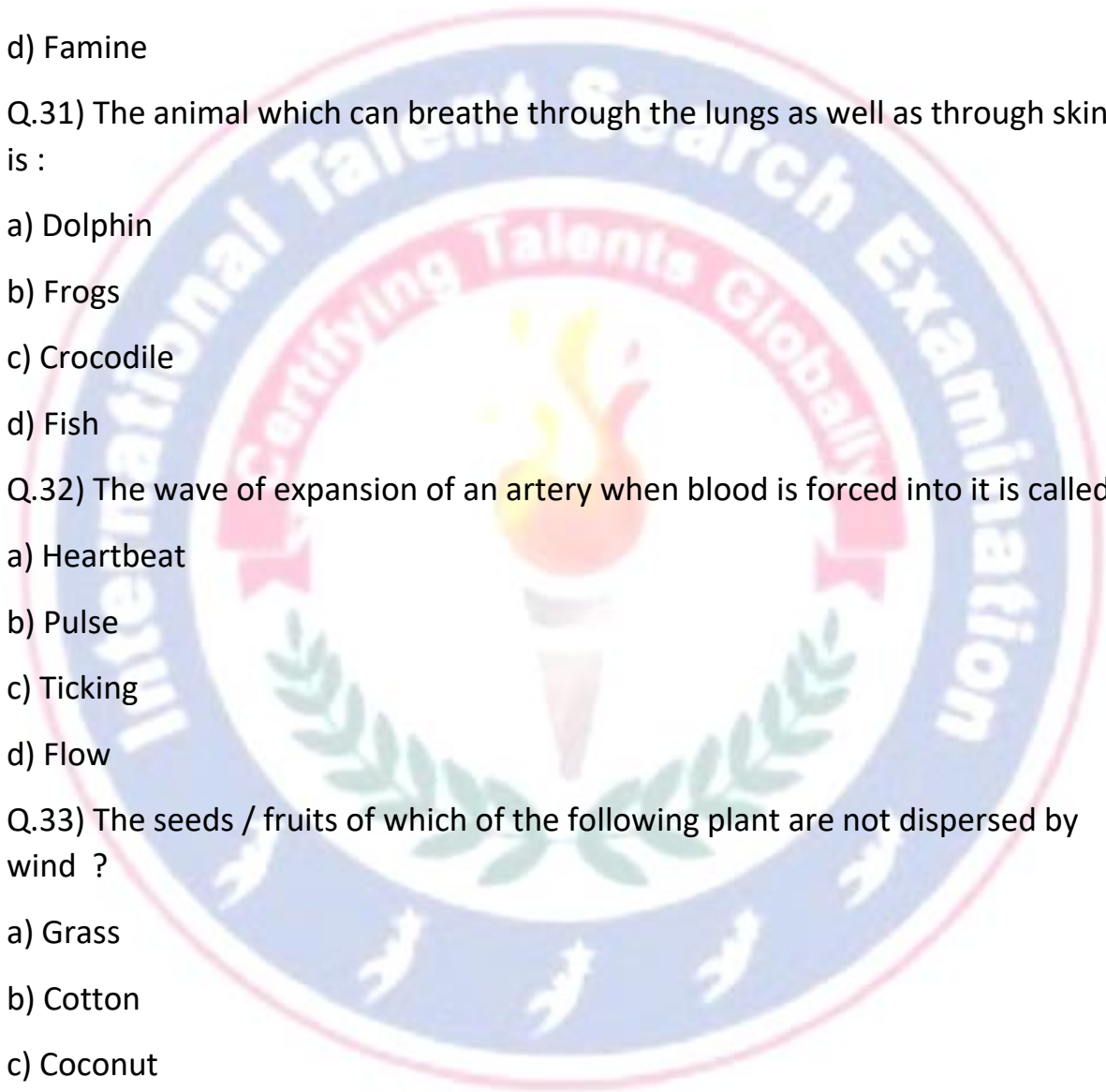
c) Coconut

d) Drumstick

Q.34) The speed of a moving object is determined to be 0.06 m/s . This speed is equal to

a) 1.08km/h

b) 0.216km/h



# INTERNATIONAL TALENT SEARCH EXAMINATION

## 2024 – 2025 PRACTICE PAPER

c) 2.16km/h

d) 0.0216km/h

Q.35) Which of the following region is more vulnerable to cyclonic storms ?

a) West coast of india

b) northern hills of india

c) East coast of India

d) Western coast of India

Q.36) which of the following carbohydrates can be digested by a cow but not by a man ?

a) Starch

b) Glucose

c) Cellulose

d) Canesugar

Q.37) The compact fluorescent electric lamp has :

a) Chromium filament

b) Nichrome filament

c) No filament

d) Tungsten filament

Q.38) If the image formed is always virtual , the mirror can be

a) Concave or plane

b) Convex or plane

c) Only convex

d) Concave or convex

Q.39) Water which fall the clouds as rain or snow is called

a) Infiltration

b) Codensation





# INTERNATIONAL TALENT SEARCH EXAMINATION

## 2024 – 2025 PRACTICE PAPER

c) Transportation

d) Precipitation

Q.40) Which of the following is not an inorganic impurity present in sewage ?

a) Phosphate

b) Urea

c) Metal salt

d) Nitrate

Q.41) The centre of a cyclonic storms called the eye of cyclone is an area of

a) Very high air pressure

b) Moderate air pressure

c) Gradually rising air pressure

d) Very low air pressure

Q.42) The amount of humidity in the atmosphere is a measure of \_\_\_\_

a) Moisture

b) Chemicals

c) Heat

d) Temperature

Q.43) The cell which results after fusion of the gametes is called

a) Zygote

b) Spore

c) Embryo

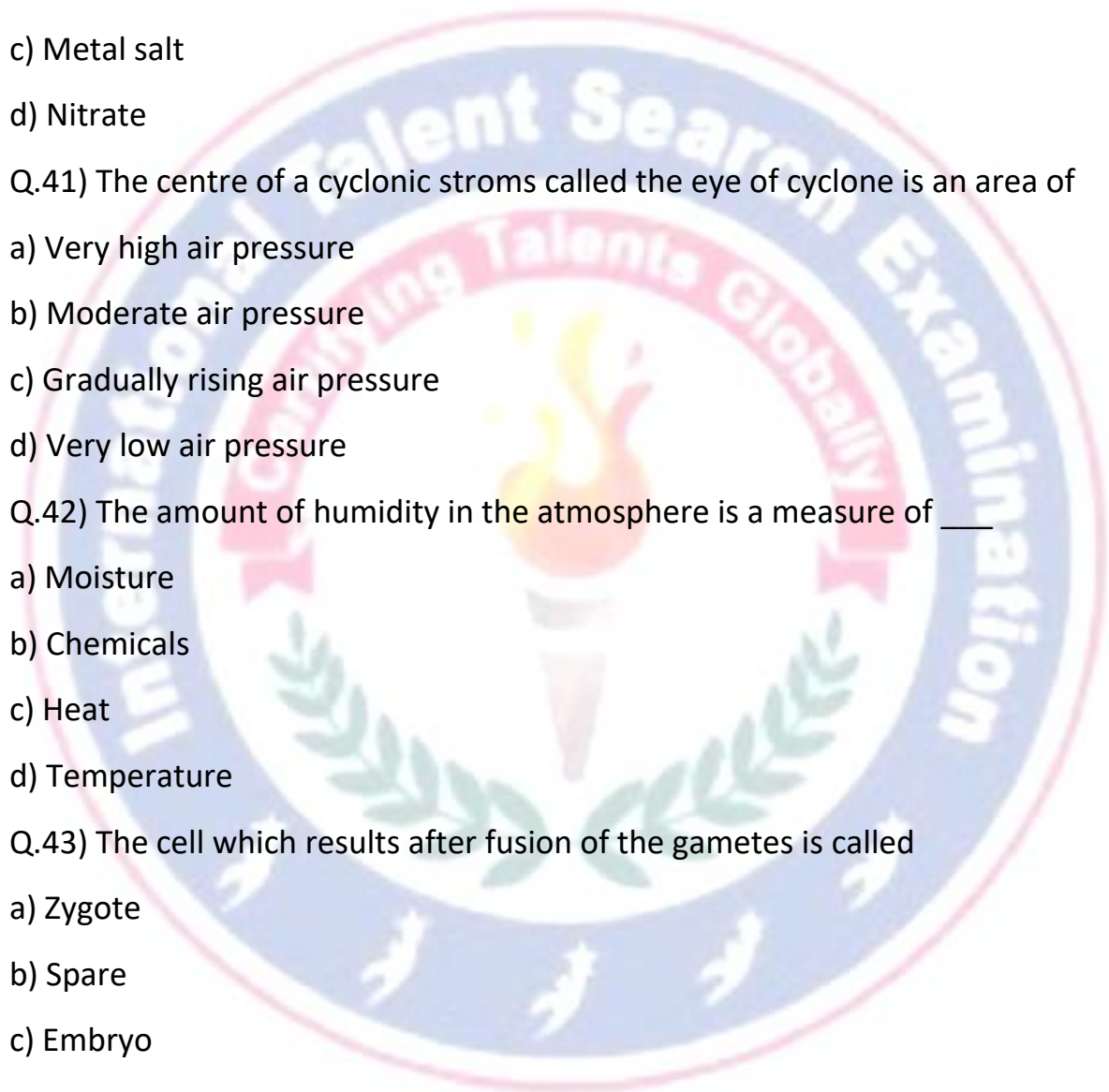
d) Pistill

Q.44) The rotting dead matter in the soil is called

a) Sugar

b) Humus

c) Salt



# INTERNATIONAL TALENT SEARCH EXAMINATION

## 2024 – 2025 PRACTICE PAPER

d) None of these

Q.45) The vascular tissue for the transport of water and nutrients in the plant is called

a) Tissue

b) Xylem

c) Plasma

d) Phloem

