

# **PHYSICS**

# BOOKS - SURA PHYSICS (TAMIL ENGLISH)

# **SUMMATIVE ASSESMENT**

Exercise

1. The unit of heat is

A. Newton
B. Joule
C. Volt
D. Celsius
Answer:
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2. Formation of curd from milk is
A. an irreversible change

- B. a fast change
- C. an irreversible change
- D. a desirable change

## **Answer:**



- 3. \_\_\_\_is the percentage of nitrogen in air
  - A. 0.78
  - B. 0.21

C. 0.0003	
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D. 0.01

# **Answer:**



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**4.** Secondary storage devices are also called as

\_\_\_ devices.

A. temporary memory

B. memory

- C. auxiliary memory
- D. main memory

# Answer: c



- **5.** Pendrive is \_\_\_\_\_ device.
  - A. output
  - B. input
  - C. storage

D. connecting cable

# **Answer:**



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**6.** SI unit of temperature is



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**7.** \_\_\_ are the materials which allow electric current to pass through them.



**8.** Magnet attracts iron needle. This is \_\_\_change .[a reversible/an irreversible].



**9.** The part of the skeleton that protects the brain is\_\_\_\_.



**10.** True or False - if false give the correct statement. Nitrogen gas turns lime water milky.



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# 11. Match the following.

Temperature - No heat flow
Thermal Equilibrium - Chloroplasts
Ice cube - Kelvin
Food producer - Nucleus
Control center - 0°C



**12.** Say true or false:

Steam is formed when heat is released from water.



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**13.** True or False. The unit of heat and temperature are the same.



14. Complete the given analogy:

Heat : Joule :: Temperature\_\_\_\_>



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**15.** Complete the given analogy:

Icecube  $:0^{\circ}C::$  Boiling water\_\_\_\_.

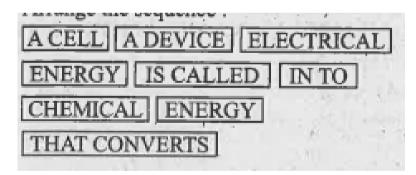


**16.** Make a list of electrical equipments at home which we get heat from.



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17. Arrange the sequence:





18. Circle the odd one out:

Switch, Bulb, Battery, Generator.



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**19.** Draw the circuit diagram for series connection



20. Complete the given analogy.

Dissolution of glucose: reversible change:

Digestion of food: \_\_\_\_change.



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**21.** Circle the odd one out. Give reason for your chice. Growth of a child, Blinking of eye, Rusting, Germination of a seed



22. Circle the odd one out:

Glowing of a bulb, lighting of a candle, breaking of a coffee mug, curdling of milk.



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23. What is a solution?



**24.** Say true or false.

Inhaled air contains a large amount of a carbon di- oxide.



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**25.** True or false .If False , give the correct statement: Whales come up to the water surface to breathe in oxygen.



**26.** What is atmosphere?



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**27.** Which of the following groups consist of only input devices?

- A. Mouse, Keyboard, Scanner
- B. Mouse, Keyboard, plotter
- C. Mouse, Keyboard, printer
- D. Mouse, Keyboard, monitor

## Answer: a



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# 28. CD stands for

- A. Compare Disc
- B. Compose Disc
- C. Compact Disc
- D. All of these

#### **Answer:**



29. Arrange in correct sequence:

Elephant, cow, bacteria, Mango, Rose plant.



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**30.** Arrange in a correct sequence: Hen egg,Ostrich egg, Insect egg,



31. Give any three examples of eukaryotic cell.



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**32.** A scanner scans \_\_\_\_

A. text

B. picture

C. both picture and texts

D. neither picture and texts

**Answer:** 

33. \_\_\_\_ is a windows utility program that locates and eliminates unnecessary fragments and rearranges files and unused to disk space to optimise operations.

- A. Disk defragmente
- B. restore
- C. backup
- D. disk cleanup

## Answer: a



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# 34. A trackball is manipulated by

- A. Sound and sense
- B. Fingers and eyes
- C. Foot and chicks
- D. Palm and fingers

## Answer: d



**35.** Tabulate the different components of an electric circuit and their respective symbols.



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**36.** Give one example for each case that happens around you.

Slow and fast change.



**37.** The smallest dot that can be displayed is called a \_\_\_

A. resolution

B. pixels

C. dotmatrix

D. element

**Answer:** b



**38.** Give one example for each case that happens around you.

Reversible and irreversible change.



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**39.** \_\_\_\_ is the most common type of memory found in the modern computers.

A. RAM

B. ROM

C. PRAM

D. PROM

## **Answer:**



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**40.** The first generation computers were used

between \_\_\_\_

A. 1940 – 1955

B. 1940 – 1956

C. 1942 - 1959

D. 1940 - 1953

# **Answer:** b



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# **41.** Answer the given question

Which organ removes extra salts and water from the blood?



42. Answer the given question

Where is the urine stored?



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**43.** In first generation computers inputs are based on \_\_\_ and \_\_\_

A. tapes discs

B. cards, tapes

C. punched cards, paper tapes

D. punched tapes, paper cards

## **Answer:**



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**44.** A central computer that holds collections programs for many PCs, workstations computers is a(n)

A. laptop

B. server

C. mincomputer

D. super computer

**Answer:** b

