



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:



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3. ____ is the percentage of nitrogen in air

A. 0.78

B. 0.21

C. 0.0003

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



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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.



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8. Magnet attracts iron needle. This is _____ change .[a reversible/an irreversible].



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9. The part of the skeleton that protects the brain is _____.



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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



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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.



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14. Complete the given analogy:

Heat : Joule :: Temperature _____ >



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15. Complete the given analogy:

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



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

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17. Arrange the sequence:

A CELL A DEVICE ELECTRICAL
ENERGY IS CALLED IN TO
CHEMICAL ENERGY
THAT CONVERTS

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18. Circle the odd one out:

Switch , Bulb, Battery, Generator.



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19. Draw the circuit diagram for series connection



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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 choice. Growth of a child, Blinking of eye, Rusting, Germination of a seed



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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?



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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.



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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:



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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,



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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:



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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



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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.



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37. The smallest dot that can be displayed is called a ___

A. resolution

B. pixels

C. dotmatrix

D. element

Answer: b



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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?



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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



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