

COMMON SECOND TERM SUMMATIVE EXAMINATION - 2019

STANDARD - VIII

Time : 2.00 hrs

Science

Marks: 60

Choose the correct answer:

www.kalviexpress.in 5 x 1 = 5

1. Heat is a form of
 - a) electrical energy
 - b) gravitational energy
 - c) thermal energy
 - d) none of these
2. Fuse is
 - a) a switch
 - b) a wire with low resistance
 - c) a wire with high resistance
 - d) a protective device for breaking an electric circuit
3. Which of the following is known as azote?
 - a) oxygen
 - b) nitrogen
 - c) sulphur
 - d) carbon-di-oxide
4. An water hydrogen and oxygen are combined in the ratio of by mass.
 - a) 1 : 8
 - b) 8 : 1
 - c) 2 : 3
 - d) 1 : 3
5. External ear (pinna) is supported by
 - a) bone
 - b) cartilage
 - c) tendon
 - d) capsule

II. Fill in the blanks:

5 x 1 = 5

6. A calorimeter is a device used to measure the
7. is a device that protects building from lighting strike.
8. The process of conversion of iron into hydrated form of oxides is called
9. is the smallest particle of an element.
10. The place where two bones meet is termed as

III. True or false:

5 x 1 = 5

11. The process of converting a substance from solid to gas is called condensation.
12. Water can conduct electricity.
13. There are 12 pairs of ribs in human body.
14. Cardiac muscle is a voluntary muscle.
15. Using clean toilets for detecation is a good practice.

IV. Match the following:

5 x 1 = 5

- | | |
|------------------|----------------------------|
| 16. Puberty | - Testosterone |
| 17. Adam's apple | - Muscle development |
| 18. Antrogen | - at 45 to 50 years of age |
| 19. ICSH | - Sexcual maturity |
| 20. Menopause | - Change in voice |

V. Write answers any 10 questions only:

10 x 2 = 20

21. What are the applications of conduction in our daily life?
22. What is conduction?
23. What is electric circuit?
24. Give some uses of electroplating.
25. What are the sources of oxygen?
26. What is global warming?
27. State the law of conservation of mass.
28. What is a chemical equation?
29. Write the names of the following compounds.
a) CO b) N₂O c) NO₂ d) PCl₅
30. What is skeleton?
31. What is cranium?
32. What is adolescence?
33. List out the changes which occur during puberty.
34. Explain menarche.
35. What is tux paint?

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4 x 5 = 20

36. Explain the working of thermos flask.
37. What is electroscope? Explain how it works?
38. Name the compounds produced when the following substances burn in oxygen.
a) carbon b) sulphur c) phosphorous d) Magnesium e) Iron f) sodium
39. Write the chemical formula for the following compounds.
a) Aluminium sulphate b) silver nitrate c) Magnesium oxide d) Barium chloride
40. Name the different types of joints? Give one example for each type.
41. Briefly explain the nutritional needs of adolescence.

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