d) IR light

d) sulphur

d) 1:3

d) Fungi

d) normal

carbon

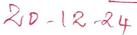
d)

12x1=12

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Tenkasi District

Common Half Yearly Examination - 2024



Standard 8

Marks: 100 Time: 2.30 Hours SCIENCE

Part - I

I. Choose the correct answer.

1) Luminous intensity is the intensity of

- b) UV light
- c) visible light
- 2) The value of the atmospheric pressure at sea level is
- a) 76 cm of mercury column b) 760 cm of mercury column
- c) 176 cm of mercury column d) 7.6 cm of mercury column 3) If the image and object distance is same, then the object is placed at
- a) infinity c) between f and p d) at c b) at F 4) If you apply equal amount of heat to a solid, liquid and gas individually,
- which of the following will have more expansion? b) Liquid c) Gas d) All of them
- 5) The non-metal which conducts electric current is
- a) Carbon b) oxygen c) aluminium

b) nitrogen

- 6) Which of the following is known as azote?
- dioxide In water, hydrogen and oxygen are combined in the ratio of by
- - a) 1:8 b) 8:1
- c) 2:3 8) We brush our teeth with tooth paste because it is in nature

c) sulphur

- b) acidic c) Both a and b d) None of these
- 9) shows both living and non living characteristics
- b) Virus c) Bacteria a) Protozoa
- 10) Maintenance of constant internal environment of the body is known as

.

a) oxygen

- a) homeostasis b)homeophytes c) homeokinesis d) homeophilics
- 11) Which one of the following categories of vertebrate are correctly numbered? a) cervical - 7 b) Thoracic - 10 c) Lumbar - 4 d) Sacral - 4
- 12) During menstruation, the progesterone level is
- a) decreased b) increased c) ceased
 - Part II

II. Answer any 12 questions.

12x2=24

- 13) What are the difference between plane angle and solid angle?
- 14) Which has greater viscosity, oil or honey? Why?
- 15) Give any two application of a concave and convex mirror
- 16) State True or False. If false, correct the statement
 - i) The dimension of a substance are increased if the temperature of the substance is decreased
 - ii) In a thermos flask, the silvered walls reflect and radiate the heat outside
- 17) What is an ultrasonic sound?
- 18) i) Why are bells made of metals?
 - ii) What is ductility?
- 19) What is dry ice? What are its uses
- 20) Write any four physical properties of acids
- 21) What is earthing?
- 22) How disease causing microorganisms enter into human beings?

Kindly Send Me Your Key Answer to Our email id - Padasalai.net@gmail.com

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23) Write any two economic importance of Fungi

24) Define - metabolism

25) i) The place where two bones meet is termed as

ii) muscle make pupil of eyes winder

26) What do you mean by secondary sex characteristics?

27) What is adolescence?

2

Part-III Soi Ram Nator CHSS

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III. Answer any 9 questions.

28) Match the following

i) Temperature

ii) Plane angle Measure of hotness or coldness

iii) Solid angle Angle formed by the intersection of two planes

iv) Accuracy Angle formed by intersection of three or more planes

29) What is reflection? Write a short note on regular and irregular reflection

30) Explain three ways of charge transfer

31) What Steps should be taken to reduce the effect of noise pollution?

32) Mention any four compounds and their use

33) a) What is pollution?

b) What is tarnishing? Give an example

34) What are the effects of acid rain? How can we prevent them?

35) What is permanent hardness of water? How can it be removed?

36) Differentiate between inhalation and exhalation

37) What are the functions of skeleton in human body?

38) Write the differences between gymnosperm and angiosperm

Part - IV

IV. Answer all the questions.

4x7 = 28

39) a) Describe an experiment to prove that the pressure in a liquid increase with depth

(OR)

b) Explain the working of thermos flask with suitable diagram

40) a) Explain how food items are spoiled by chemical reaction?

(OR)

b) Explain the neutralization reaction in our daily life.

41) a) Write a short note on bacteria and its structure

(OR)

b) Write the names of medicinal plant and explain their uses

42) a) Name the different types of joints? Give one examples for each types

(OR)

b) Explain the nutritional needs of adolescence in brief