



BIOLOGY

BOOKS - AGRAWAL EXAM CART BIHAR

PRACTICE SET -1

Section Iv General Science

1. How much frequency can a human ear hear?

A. 15 Hz to 20 Hz

B. 20000 Hz to 25000 Hz

C. 10 Hz to 15 Hz

D. 20 Hz to 20000 Hz

Answer: D



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2. Man's elbow can only move forward not backward, because it has.

A. Gliding Joint

B. Hinge Joint

C. Saddle Joint

D. Pivot joint

Answer: B



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3. A boy goes to nursery and buys a plant and plants it in his garden. Which part of the plant is not visible now?

A. Shoot System

B. Root system

C. Stem

D. All of these

Answer: B



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4. What was the Chipko movement originally against ?"

A. Water pollution

B. Noise pollution

C. Forest cutting

D. Cultural pollution

Answer: C



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5. Which of the following is known as the Mirror formula ?

A. $(1/v) + (1/u) = (1/f)$

B. $(1/u) - (1/v) = (1/f)$

C. $(1/v) + (1/u) = (1/l)$

D. None of these

Answer: A



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6. A solid rectangular block of iron is placed on top of a table with its various faces touching

the table. In various cases this solid block of iron imposes

- A. Different forces and different pressures
- B. Different force but same pressure
- C. Equal force and equal pressure
- D. Same force but different pressure

Answer: D



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7. What serious problems arise due to inadvertent use of land ?

- A. Soil erosion
- B. Desertification
- C. (A) and (B)
- D. None of these

Answer: C



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8. Which of the following is elements common in plant and animal cells ?

A. Chloroplast

B. Cell Wall

C. Vacuoles

D. Mitochondria

Answer: D



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9. The smallest planet in the solar system is:

A. Mercury

B. Venus

C. Earth

D. Mars

Answer: A



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10. Which of the following conditions Necessary for Photosynthesis ?

A. Sunlight

B. Chlorophyll

C. Carbon Dioxide

D. All of the above

Answer: D



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11. Which one of the following is not a type of friction ?

A. Static Friction

B. Slipping Friction

C. Rolling Friction

D. Fluid Friction

Answer: B



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12. Vitamin A deficiency disease is :

A. Night blindness

B. Slow growth and development

C. Scurvy or rickets

D. Berry-Berry

Answer: A



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13. What was invented by Alfred Nobel ?

A. Microphone

B. Typewriter

C. Dynamite

D. Gramophone

Answer: C



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14. Which one of the following is known as equation of motion ?

A. $v = ut = at$

B. $v^2 = u^2 + 2as$

C. $s = ut + \frac{1}{2}at^2$

D. All of the above

Answer: D



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15. The process of evaporation of water by the leaves of plants is called :

- A. Evaporation
- B. Transpiration
- C. Immunization
- D. Fumigation

Answer: B



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16. What will be the kinetic energy of the moving object when the net work is positive?

- A. The kinetic energy will increase
- B. Kinetic energy will be reduced
- C. Kinetic energy will remain the same
- D. The kinetic energy will be zero

Answer: A



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17. Kaziranga National Park is in which state?

A. Uttar Pradesh

B. Madhya Pradesh

C. Bihar

D. Assam

Answer: D



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18. The disease caused in human due to Iodine deficiency.

A. Cushing's disease

B. Cretinism

C. Insulin

D. None of these

Answer: B



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19. If two equal and opposing deforming forces are applied parallel to the cross section of the cylinder, then there is a relative displacement between the faces in front of the cylinder. The shear force produced on the unit area due to the applied tangential forces is called the.....

A. Tensile stress

B. Compression stress

C. Shear stress

D. Hydraulic stress

Answer: C



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20. Which of the following is the green colored substance that performs photosynthesis in plants ?

A. Chlorophyll

B. chloroplast

C. Chloroform

D. None of these

Answer: A



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21. Which of the following groups always forms a concave lens ?

- A. Straight, virtual and smaller image
- B. Inverted, real and bigger image
- C. Erect, virtual and smaller-image
- D. Inverted, real and bigger image

Answer: C



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22. Which chromosomal combination responsible for male masculinity ?

A. XO

B. XXX

C. xx

D. XY

Answer: D



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23. Atmosphere is the most concentrate component of air.

A. Oxygen

B. Hydrogen

C. Nitrogen

D. Ozone

Answer: C



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24. Rotavirus is responsible for :

A. Measles

B. Diarrhoea

C. Japanese Encephalitis

D. Tuberculosis

Answer: B



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25. The edible part of onion is:

A. Thick leaves

B. Root

C. Stem

D. Flower

Answer: A



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26. Change in genetic composition of population is called as:

A. extinction

B. evolution

C. endemic

D. variance

Answer: B



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27. A goitre is also called as:

- A. Bronchocele
- B. Larynx
- C. Autoimmune disease
- D. Inflammation

Answer: A



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