

Section : I - Aptitude and Logical Reasoning

Section : II - Mathematics

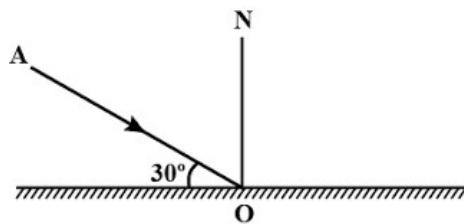
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Section : III - Science

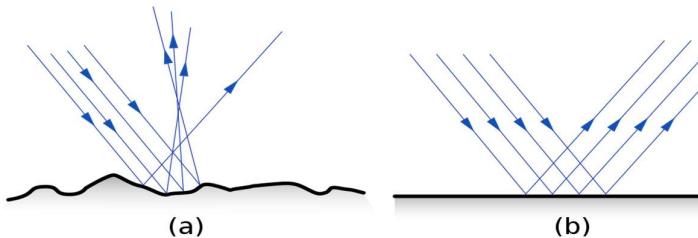
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23. The sum of angle of incidence and the angle of reflection in the shown picture will be



- (a) 60° (b) 50° (c) 120° (d) 100°

24. The picture shows reflection from two different surfaces. The angle of incidence will be equal to the angle of reflection in



- (a) only (a) (b) only (b) (c) both (a) & (b) (d) cannot be said

25. What is the main difference between transparent and opaque materials in terms of light?

- (a) Transparency allows light to pass through completely, while opacity allows partial light passage.
 (b) Transparency allows partial light passage, while opacity allows light to pass through completely.
 (c) Transparent materials don't allow any light to pass through, while opaque materials allow partial light passage.
 (d) Transparent materials allow light to pass through completely, while opaque materials do not allow any light passage.

26. The solid state of CO_2 is called

- (a) Tear gas (b) Cooking gas (c) Dry ice (d) Laughing gas

27. Which of the following is not a chemical change characteristic?

- (a) Change in colour (b) Change in state
 (c) Production of sound (d) Change in smell

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39. Which plant tissue consist of dead cells?
(a) Meristem (b) Sclerenchyma (c) Parenchyma (d) Collenchyma
40. What helps in the transportation of water in xylem tissue?
(a) Vessels (b) Sieve tube (c) Companion cell (d) Xylem fibre
41. The neuron has short, branched structure called
(a) Nucleus (b) Axon (c) Cell body (d) Dendrite
42. _____ tissue connects bone to bone.
(a) Ligament (b) Tendon (c) Cartilage (d) Epithelium
43. Muscle found in the stomach and intestine is
(a) Involuntary (b) Skeletal (c) Cardiac (d) Voluntary
44. Cube shape cells epithelium is called
(a) Squamous epithelium (b) Cuboidal epithelium
(c) Columnar epithelium (d) Glandular epithelium
45. Plasma membrane is
(a) Semi-permeable (b) Freely permeable (c) Impermeable (d) None of these

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