



PHYSICS

BOOKS - VGS BRILLIANT PHYSICS (TELUGU ENGLISH)

PHYSICAL SCIENCE :PAPER -1

Part A

1. To know about the centre of gravity of the atmosphere of the earth, Ravi asked some

question so his teacher. Guess which question he asked and the answer given by the teacher.



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2. "With our day to day experience, we must exert some force on an object to keep it moving".

By which law, you can support the above lines?



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3. "With our day to day experience, we must exert some force on an object to keep it moving".

Which acts on the body? Either force or net forces?



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4. Two people push a car for 3 s with a combined net force of 200 N.

If the car has a mass of 1200 kg, what will be its change in velocity?



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5. Describe an activity to know the centre of gravity of a India map.



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6. How are multiple reflections of sound helpful to doctors and engineers?



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Part B

1. Which of the following shows Tyndall effect:

A. Shoe - polish

B. Salt Water

C. Copper sulphate solution

D. Coffee

Answer:



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2. The arrangement of electrons in Oxygen is

A. 2,2,2

B. 2,2,4

C. 2,2,6

D. 2,4,2

Answer:



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3. According to which rule, there should be two electrons in the innermost shell

A. Bohr

B. Thomson

C. Bohr-Bury

D. Rutherford

Answer:



4. Which of the following law denotes

Buoyancy :

A. Pascal's Law

B. Archimedes's Law

C. Boyle's Law

D. Newton's Law

Answer:



5. What happens if water is mixed with milk?

A. The density of the mixture is less than the density of milk

B. The density of the mixture is more than the density of milk

C. The volume of the mixture is more than the volume of milk

D. The volume of the mixture is less than the volume of milk

Answer:



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6. Which of the following is Non-Uniform motion :

A. Motion of a ball on inlined plane

B. Uniform circular motion

C. A stone thrown in air

D. All the above

Answer:



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7. Which of the following law is illustrated by Balloon rocket activity?

- A. Newton's first law
- B. Newton's second law
- C. Newton's third law
- D. Newton's law of Gravity

Answer:



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