



PHYSICS

BOOKS - AAKASH SERIES

PHYSICAL WORLD

Very Short Answer Type Questions

1. What is Physics?



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2. What is the discovery of C.V. Raman ?



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3. What are the fundamental forces in nature ?



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4. Which of the following has symmetry ?

a) Acceleration due to gravity.

b) Law of gravitation .



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5. What is the contribution of S. Chandra Sekhar to Physics ?



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6. What is Physics?



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7. What is the discovery of C.V. Raman ?



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10. What is contribution of S. Chandra Sekhar to physics ?



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Exercise

1. The discovery of CV. Raman is

A. Inelastic scattering of light by molecules

B. Steam engine

C. Propagation of EM Waves

D. Reflection of Ultrasonic waves

Answer: A



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2. What is contribution of S. Chandra Sekhar to physics ?

A. cosmic radiation

B. Nuclear model & atom

C. LASER

D. structure and evolution of stars

Answer: D



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3. Electron was discovered by

A. Albert Einstein

B. J.C. Bose

C. J.J. Thomson

D. Bohr

Answer: C



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4. Neutron was discovered by

A. James chadwick

B. Fermi

C. S.N. Bose

D. Millikan

Answer: A



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5. The working principle of steam engine is

A. digital logic

B. Super conductivity

C. Laws of thermodynamics

D. Nuclear fission

Answer: C



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6. On which principle is photocell based?

- A. Raman effect
- B. Compton effect
- C. Seebeck effect
- D. Photoelectric effect

Answer: D



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7. The principle involved in the working of Rocket is

A. Newton's laws of motion

B. Bernoulli's principle

C. Photoelectric effect

D. Faraday's laws of EMI

Answer: A



8. Name the branch of science which deals with the study of stars ?

A. Astronomy

B. Biology

C. Geology

D. Chemistry

Answer: A



9. Match the technology in column A to its related scientific principle in column B

A - Technology

B - Scientific Principle

1) Steam engine

a) Faraday's laws

2) Nuclear Reactor

b) thermodynamic laws

3) Computer

c) Nuclear Fission

4) electric generation

d) Digital logic

A. 1 - b, 2 - d, 3- c, 4 -a

B. 1 - b, 2 - d, 3 - c, 4 - a

C. 1 - a, 2 - c, 3 - d, 4 - b

D. 1 - d, 2 - a, 3 - c, 4 - b

Answer: B



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10. Match the scientist's name against discovery

A - Scientist B - Discovery

- | | |
|-------------|--------------------------|
| 1) Faraday | a) Expansion of Universe |
| 2) Newton | b) Law of EMI |
| 3) Einstein | c) Law of gravitation |
| 4) Hubble | d) Theory of relativity |

A. 1 - b, 2 - c, 3 - d, 4 - a

B. 1 - b, 2 - d, 3 - c, 4 - a

C. 1 - b, 2 - c, 3 - a, 4 - d

D. 1 - b, 2 - a, 3 - c, 4 - d

Answer: A



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Exercise I

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A. Inelastic scattering of light by molecules

B. Steam engine

C. Propagation of EM waves

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Answer: A



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d) Digital logic

A. 1-b, 2-d, 3-c, 4-a

B. 1-b 2-d, 3-c, 4-a

C. 1-, 2-c, 3-d, 4-b

D. 1-d, 2-a, 3-c, 4-b

Answer: B



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10. Match the scientist's name against discovery

A - Scientist

1) Faraday

2) Newton

3) Einstein

4) Hubble

B - Discovery

a) Expansion of Universe

b) Law of EMI

c) Law of gravitation

d) Theory of relativity

A. 1-b,2-c,3-d, 4-a

B. 1-b, 2-d, 3-c, 4-a

C. 1-b, 2-c, 3-a, 4-d

D. 1-b, 2-a, 3-c, 4-d

Answer: A



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