



# PHYSICS

## BOOKS - CHETANA PUBLICATION

### MAS04

#### Exercise

1. The first telescope was invented by..... .

A. Einstein

B. Galileo

C. Newton

D. Mendel

**Answer:**



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2. ....is a monogenic disorder.

Haemophilia

Cleft palate

Diabetes

Spina bifida

A. Haemophilia

B. Cleft palate

C. Diabetes

D. Spina bifida

**Answer:**



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3. Complete the analogy: Tendons : Join muscles to bones :: Ligaments : .....



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4. Select the odd man out:

Gibberellin, Auxin, Thyroxine, Cytokinin.



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5. Say True or False, if false correct the statement: The phenotypic and genotypic ratios are the same.



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6. Fill in the blanks:

The cyclical flow of nutrients within an ecosystem is called .....



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7. Blood is a complex tissue.



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8. Give scientific reasons:

Tobacco smoking causes cancer.



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9. Give scientific reasons:

Endocrine glands are also called ductless

glands.



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**10.** Is it right to avoid living with a person suffering from genetic disorder?



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**11.** Distinguish between simple tissues of plants and complex tissues of plants.



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**12.** What are the difficulties in using refracting telescopes?



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**13.** What are the different things included in solid waste?



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**14.** Draw a neat labelled diagram of structure of chromosome.



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**15.** What is white revolution? What benefits did it bring?



**Watch Video Solution**

**16.** Blood is a complex tissue.



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**17.** Sometimes, while eating we bite our own finger or tongue by mistake.



**Watch Video Solution**

**18.** Sometimes, we choke while eating in a hurry.



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**19.** Injury to the medulla oblongata causes sudden death-Explain.



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**20.** Describe the structure of DNA molecule as proposed by Watson and Crick.



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**21.** Explain the location, structure and function of Adipose tissue.



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**22.** Answer the following question:

Why are optical telescope located in uninhabited places on mountains?



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**23.** Write short notes:

Reflex action



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**24.** Write short notes on: Sickle-cell anaemia:

Symptoms and treatment.



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**25.** Write the application of biotechnology in floriculture



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**26.** Write the application of biotechnology in nurseries



**Watch Video Solution**

**27.** Write the application of biotechnology in forestry



**Watch Video Solution**

**28.** What is white revolution? What benefits did it bring?



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**29.** Define the term tissue and explain the concept of tissue culture.



**Watch Video Solution**

**30.** How do specific traits or characteristics appear in organisms?



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**31.** The first telescope was invented by..... .



A. Einstein

B. Galileo

C. Newton

D. Mendel

**Answer:**



**Watch Video Solution**

**32. ....is a monogenic disorder.**

Haemophilia

Cleft palate

Diabetes

Spina bifida

A. Haemophilia

B. Cleft palate

C. Diabetes

D. Spina bifida

**Answer:**



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**33.** Hormone.....helps in cell division.

Auxin

Gibberellin

Cytokinin

Abscisic acid

A. auxin

B. gibberellin

C. cytokinin

D. abscisic acid

**Answer:**



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34. .... is a broiler chicken.

Minroca

Ancona

Leghorn

Cochin

A. Minroca

B. Ancona

C. Leghorn

D. Cochin

**Answer:**



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**35. Which of the following is absent in RNA?**

..... .

Adenine

Uracil

Cytosine

Thymine

A. Adenine

B. Uracil

C. Cytosine

D. Thymine

**Answer:**



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**36.** Complete the analogy: Tendons : Join muscles to bones :: Ligaments : .....



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**37.** Find the odd man out: Gibberellin, Auxin, Thyroxine, Cytokinin

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**38.** Say True or False, if false correct the statement: The phenotypic and genotypic ratios are the same.

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**39.** Fill in the blanks:

The cyclical flow of nutrients within an ecosystem is called .....



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**40.** Fill in the blanks:

Hormones are secreted by .....



**Watch Video Solution**



**41.** Blood is a complex tissue.



**Watch Video Solution**

**42.** Give scientific reasons:

Tobacco smoking causes cancer.



**Watch Video Solution**

**43.** Give scientific reasons:

Endocrine glands are also called ductless

glands.



**Watch Video Solution**

**44.** Is it right to avoid living with a person suffering from genetic disorder?



**Watch Video Solution**

**45.** Distinguish between simple tissues of plants and complex tissues of plants.



**Watch Video Solution**

**46.** What are the difficulties in using refracting telescopes?



**Watch Video Solution**

**47.** What are the different things included in solid waste?



**Watch Video Solution**

**48.** Draw a neat labelled diagram of structure of chromosome.



**Watch Video Solution**

**49.** What is white revolution? What benefits did it bring?



**Watch Video Solution**

**50.** Blood is a complex tissue.



[Watch Video Solution](#)

**51.** Sometimes, while eating we bite our own finger or tongue by mistake.



[Watch Video Solution](#)

**52.** Sometimes, we choke while eating in a hurry.



[Watch Video Solution](#)

**53.** Injury to the medulla oblongata causes sudden death-Explain.



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**54.** Describe the structure of DNA molecule.



**Watch Video Solution**

**55.** Give location, structure and function of adipose tissue.





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**56.** Answer the following question:

Why are optical telescope located in uninhabited places on mountains?



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**57.** Write note on reflex arc.



[Watch Video Solution](#)

**58.** What are symptoms of sickle cell anaemia.

State the treatment for the same.



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**59.** Write the application of biotechnology in

floriculture



**Watch Video Solution**

**60.** Write the application of biotechnology in

nurseries





**Watch Video Solution**

**61.** Write the application of biotechnology in forestry



**Watch Video Solution**

**62.** What is white revolution? What benefits did it bring?



**Watch Video Solution**

**63.** Define the term tissue and explain the concept of tissue culture.



**Watch Video Solution**

**64.** How do specific traits or characteristics appear in organisms?



**Watch Video Solution**