

Standard 7

SCIENCE

Time: 2.00 Hours

Marks: 60

10×1=10

I. Choose the best answer:

- 1) Light is a form of
a) matter b) energy c) medium d) particle
- 2) Choose the translucent substance from the following
a) glass b) wood c) water d) cloud
- 3) The galaxy containing young and hot stars is
a) elliptical galaxy b) irregular galaxy
c) cluster d) spiral galaxy
- 4) Which of the following is the strongest?
a) Rayon b) Nylon c) Acrylic d) Polyester
- 5) A good application of plastic is the use of
a) Blood bags b) Plastic cutlery
c) Plastic straws d) Plastic carry bags
- 6) are neutralize stomach acid
a) Antacid b) Antipyretic
c) Analgesic d) Antihistamines
- 7) Which is the hottest part in the flame of candle?
a) Blue b) Yellow c) Black d) Way part
- 8) Eggs are rich in
a) protein b) Carbohydrate c) Fat d) Acid
- 9) Sorter's disease is otherwise known as
a) Asthma b) Anthrax c) Typhoid d) Cholera
- 10) The keyword shortcut is used to copy the selected text
a) Ctrl + C b) Ctrl + V c) Ctrl + X d) Ctrl + A

II. Answer any 15 of the following:

15×2=30

- 11) What are luminous objects
- 12) With the help of a diagram, state the laws of reflection?
- 13) Name the four different types of galaxies?
- 14) **Fill in the blanks:**
 - i) is the prevailing model of evolution of the universe.
 - ii) is the first satellite launched by India.
- 15) It is not advisable to burn plastic and synthetic fibres why?
- 16) What is the 5 -R principle?
- 17) What does the term biodegradable mean?
- 18) Why should not medicines be taken without consulting doctors?

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19) Match the following:

- 1) Cocoons -
 2) Peace Silk -
 3) Broilers -
 4) Sweet liquid -

Poultry
 Silkworm
 Honey
 Andhra Pradesh

20) Write the symptoms of Anthrox?

21) Write any three uses of Silk?

22) True or False. If false, give the correct answer:

- a) The image formed in a pinhole camera is always the same size as the object
 b) The image formed in a plane mirror is upside down.

23) Give the expansions of PSLV and GSLV.

24) What kind of fabric is suitable to dress - up and play in the summer?

25) What are the three types of materials based on the absorption of light?

26) Analogy:

- a) Cotton : Natural : : Polyester :
 b) Nylon : Melts on heating : : Silk :

27) Why do antiseptics differ from disinfectants? Give examples for each.

28) Define : Sericulture?

29) What are the common disease that are found in poultry?

30) What is the use for text document software?

4x5=20

III. Answer the following questions:

- 31) a) What are the characteristic of an image formed in a plane mirror?
 b) Differentiate between a reflection and a shadow.

(OR)

Write short notes on constellations.

32) Suggest safe methods of disposing plastics.

(OR)

List the advantages and disadvantages of synthetic fibres.

33) Explain briefly about antibiotic and analgesic.

(OR)

- a) Make labelled diagram of a candle flame.
 b) What is Ignition Temperature?

34) Write about Ahimsa silk

(OR)

What are the major steps involved in wool factory.