VNR7S

Virudhunagar District

Summative Assessment - 2025

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Standard 7

Time: 2.00 Hours   **SCIENCE**   Marks: 60

I. Choose the correct answer.   5×1=5

1) Light is a form of ....

   a) matter   b) energy   c) medium   d) particle

2) The moon takes .... days to complete one revolution around the Earth

   a) 25   b) 26   c) 27   d) 28

3) Which of the following is the strongest

   a) Rayon   b) Nylon   c) Acrylic   d) Polyester

4) Which is the hottest part in the flame of Candle ....

   a) Blue   b) Yellow   c) Black   d) way part

5) The cultivation and production of silk is Known as ....

   a) Horticulture   b) Floriculture   c) Agriculture   d) Sericulture

II. Fill in the blanks   5×1=5

6) A plane mirror produces a .... image

7) Heliocentric model is proposed by ....

8) A .... is a long chain made up of many repeated small units called monomers.

9) The presence of water, the ignition temperature of paper is ....

10) Peace Silk was produced in the year ....

III. True or False. If False give the correct answer.   5×1=5

11) The image formed in the Pinhole Camera is always inverted

12) The planet venus is our solar system doesn't have a moon

13) A lot of plastic pollutes our environment.

14) Analgesics are the substances that lower the temperature during fever

15) Wool is the fibre derived from the silk worm

IV. Match the following   5×1=5

16) Band of seven colors   -   Andra Pradesh

17) Chandrayan - 2   -   Fibre

18) Nylon   -   ORS Solution

19) Antacid   -   GSLV Mark III M_1

20) Peace Silk   -   Spectrum of light

V. Write short answer. (any 10 only)   10×2=20

(Question No. 30 is compulsory)

21) What are luminous objects?

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

23) what is prism?

24) What is epicyclic model?

25) Give the expansions of PSLV and GSLV

26) It is not advisable to burn plastic and synthetic fabrics why?

27) What is the 5R principle?

28) Why should not medicines be taken without consulting doctors?

29) What is ignition temperature?

30) If 4.5 kg of fuel is completely burnt and amount of heat produced stands measured at 1,80,000 KJ. What is the Calorific value.

31) Define - Sericulture

32) Write the symptoms of Anthrax

33) What are the characteristics of wool? Give any three

34) What is the use of Text document software?

35) How to close a document

VI. Answer the following questions in detail. (any 4 only) 4×5=20

36) What are the difference between luminous and non-luminous objects? Give two examples of each

37) Differentiate between a reflection and shadow

38) Explain the waxing and waning phases in venus

39) List the advantages and disadvantages of synthetic fibres

40) Make labeled diagram of a candle flame

41) Write about Ahimsa Silk

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