

# COMMON THIRD SUMMATIVE EXAMINATION - 2023

**C**

Standard VII  
SCIENCE

Reg No.

Time : 2.00 hrs

Marks : 60

5 x 1 = 5

**I. Choose the best answer:**

- Light is a form of \_\_\_\_\_.  
a) matter                      b) energy                      c) medium                      d) particle
- With the launch of this satellite, ISRO became capable of launching 4 ton heavy satellite  
a) GSAT-13                      b) GSAT-14                      c) GSAT-17                      d) GSAT-19
- A synthetic fibre which has similar properties to wool is \_\_\_\_\_.  
a) nylon                      b) polyester                      c) acrylic                      d) PVC
- Eggs are rich in \_\_\_\_\_.  
a) protein                      b) carbohydrate                      c) fat                      d) acid
- How many types of page orientation are there in Libre Office Writer?  
a) 1                      b) 2                      c) 3                      d) 4

5 x 1 = 5

**II. Fill In the blanks :**

- \_\_\_\_\_ is the strongest natural fibre.
- Fire produced by oil cannot be controlled by \_\_\_\_\_.
- \_\_\_\_\_ is a large constellation which covers a large part of the sky.
- Sunlight is a blend of \_\_\_\_\_ colours.
- In the presence of water, the ignition temperature of paper is \_\_\_\_\_.

5 x 1 = 5

**III. Match :**

- |                    |   |                       |
|--------------------|---|-----------------------|
| 1. The Moon        | - | GSLV Mark III M1      |
| 2. Chandrayaan - 2 | - | Thermo plastic        |
| 3. PVC             | - | Non luminous object   |
| 4. Bakelite        | - | Meat                  |
| 5. Goat            | - | Thermosetting plastic |

5 x 1 = 5

**IV. Write True or False :**

- The image formed in a pinhole camera is always inverted.
- Galileo accepted The Geo centric model.
- A lot of plastic pollutes Our environment.
- Oxygen is necessary for combustion.
- Penicillin is the best medicine for curing Anthrax.

(2)

## VII Science

5 x 1 = 5

## V. Analogy :

1. Polished surface : Regular reflection :: Rough surface : \_\_\_\_\_
2. Oldest stars : Elliptical galaxies :: Younger star : \_\_\_\_\_
3. Cotton : Natural ; Polyester : \_\_\_\_\_
4. Tincture; \_\_\_\_\_, Histamine, \_\_\_\_\_

## VI. Give very short answer (answer any 10)

10 x 2 = 20

1. Is the moon a luminous object? Give reason.
2. State the law of reflection.
3. Name the four different type of galaxies.
4. Give the expansions of PSLV and GSLV.
5. What gives plastic different qualities and characteristics?
6. What is the 5R principle?
7. What is ignition temperature?
8. How many types of combustion are there?
9. Define Sericulture.
10. Write about any three uses of silk.
11. What is right alignment?
12. What are the two types of fibres that are obtained from animals?

## VII. Give brief answer (any 3)

3 x 5 = 15

1. What is shadow? What things are necessary for the formation of shadow? What are the parts of shadow? [2 + 2 + 1]
2. List the advantages and disadvantages of synthetic fibres.
3. Make labelled diagram of a candle flame.
4. i) What are the characteristics of wool? Give any three. [3]  
ii) What are the common diseases that are found in poultry? (any two) [2]
5. i) Define geocentric theory. [2]  
ii) It is not advisable to burn plastic and synthetic fibres. Why? [3]

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