



21-04-25

Standard 7**SCIENCE**

Time: 2.00 Hours

Marks: 60

10x1=10**I. Choose the correct option:**

- 1) surface reflects the light well
a) Water b) compact disc c) mirror d) stone
- 2) Light that hits a mirror gets
a) Transmitted b) Reflected c) Absorbed d) Refracted
- 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) is a non-biodegradable material
a) Paper b) A plastic bottle c) Cotton Cloth d) Wool
- 6) are that neutralize stomach acid
a) Antacid b) Antipyretic c) Analgesic d) Antihistamines
- 7) is the daily essential product which is obtained from cattle
a) Egg b) Milk c) Both of them d) None of them
- 8) Which parts of the goat and sheep is used for manufacturing clothes
a) Leg b) Hand c) Fur d) Head
- 9) The Keyboard shortcut is used to cut the selected text
a) Ctrl + C b) Ctrl + V c) Ctrl + X d) Ctrl + A
- 10) The menu is used to save the document
a) File → Open b) File → Print c) File → Save d) File → Close

II. Answer any 15 questions:**15x2=30**

- 11) State the laws of reflection
- 12) What are the parts of shadow?
- 13) Fill in the blanks
 - i) Sunlight is a blend of colours
 - ii) The moon sunlight
- 14) What is reflection of light?
- 15) and planets never appear in the mid-night sky
- 16) **Analogy:**
 - i) Old stars: Elliptical galaxies : : Younger Stars:
 - ii) Nearest galaxy : Andromeda : : Nearest star :
- 17) Which country launched the World's first satellite?
- 18) Name the four different types of galaxies?
- 19) **True or False:**
 - i) A lot of plastic pollutes our environment
 - ii) Cotton is a natural polymer

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- 20) What is the 5R principle? ✓
- 21) Give two examples of thermosetting plastics ✓
- 22) What gives plastic different qualities and characteristics?
- 23) How many types of combustion are there? ✓
- 24) Why do antiseptics differ from disinfectants? ✓
- 25) What is ignition temperature?
- 26) Write the symptoms of Anthrax ✓
- 27) How should we treat animals? ✓
- 28) **Match the following:** ✓
- | | | |
|-----------------|---|-----------|
| 1) Cocoons | - | Meat |
| 2) Broilers | - | Honey |
| 3) Sweet Liquid | - | Silk Worm |
| 4) Goat | - | Poultry |
- 29) Write about any three uses of silk ✓
- 30) What is right alignment? ✓

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III. Answer the following questions:**4x5=20**

- 31) a) What are regular and irregular reflection? Explain with the help of diagrams

(OR)

- b) Write short notes on constellations

- 32) a) Explain the waxing and waning phases in venus

(OR)

- b) Suggest safe methods of disposing plastics

- 33) a) Explain briefly about antibiotic and analgesic?

(OR)

- b) Write about the hazards of silk industry?

- 34) a) Write the uses of the wool?

(OR)

- b) What are the characteristics of an image formed in a plane mirror?
