

SUMMATIVE ASSESSMENT – THIRD TERM

SCIENCE

Max. Marks: 60
Std - VII
Time: 2.30 Hrs

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| Name of the School: <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> | Name of the Student: <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> |
| Place: <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> | Roll No.: <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> |

I. Choose the correct answer:
14 × 1 = 14

1. Shadows are formed when light falls on a _____ surface.
 a. transparent b. opaque c. translucent d. smooth
2. A normal is the _____.
 a. perpendicular drawn to the reflecting surface.
 b. perpendicular to the incident ray.
 c. parallel drawn to the reflecting surface.
 d. none of these.
3. According to _____ theory the sun is at the centre and the planets revolve around it.
 a. geocentric b. big bang c. helio centric d. pulsating
4. The _____ is a telescope in space.
 a. Hubble b. GSLV MKIII c. geo sat d. NASA
5. The moon takes _____ days to go round the earth once.
 a. 30 b. 27 c. 28 d. 15
6. Choose an example of a thermosetting plastic _____.
 a. PVC b. Bakelite c. Polythene d. PET
7. The isolated area from the environment where disposable waste are sent and then buried underground is called _____.
 a. dump b. watershed c. ocean d. landfill
8. _____ are also called as pain killers.
 a. Analgesic b. Antacid c. Antipyretic d. Antibiotic
9. _____ is a penicillin-based antibiotics.
 a. Ibu profen b. Aloe vera c. Ampicillin d. paracetamol
10. _____ glass is used for overproof objects.
 a. PYREX b. green-tinted c. toughened d. bulletproof

11. _____ is caused by a fungus in poultry.
a. Salmonellosis b. Ranikhet c. Corona d. Aspergillosis
12. Poultry products are a rich source of _____.
a. fat b. protein c. carbohydrate d. vitamin
13. _____ is a festival celebrated to conserve forests and encourage afforestation.
a. Ugadi b. Pongal c. Vanamahotsva d. Diwali
14. _____ is an Italian variety of honey bee.
a. Apis dorsata b. Apis Indica c. Apis florea d. Apis mellifera

II. Answer the following: (Any 13)

13 × 2 = 26

15. The incident ray from a source of light is at an angle of 30° from the surface. Find the angle of reflection.
16. State the laws of reflection.
17. Fill in the blanks:
i) Light is a form of _____.
ii) A _____ works on the principle of reflection and is used to see elevated objects.
18. What is the Zodiac belt?
19. Analogy:
i) Older stars: Elliptical galaxy: young stars: _____.
ii) Short distance: Meter: Very long distance: _____.
20. Write few lines about Hubble's telescope.
21. State any two differences between thermoplastics and thermosetting plastics.
22. Match the following:
PVC - Thermosetting plastic
Bakelite - Non-stick cook wares
Teflon - Wood pulp
Rayon - Thermoplastic
23. Give three examples that are considered household hazardous waste.
24. Fill ups:
i) _____ is abbreviated as ORS
ii) The minimum temperature at which a substance catches fire is called the _____.
25. What is combustion?
26. Define Analgesics.
27. State true (or) false. If false correct the statement.

- i) Silk is used as an insulator in space vessels.
 - ii) Incubation period for the eggs of hens is 30 days.
28. What is reeling?
29. Assertion (A): Eggs are highly nutritious and rich in protein.
Reason (R): They are consumed in the daily diet by people of all ages.
- a) Both assertion and reason are true, and the reason is the correct explanation of the assertion.
 - b) Both assertion and reason are true, but the reason is not the correct explanation of the assertion.
 - c) The assertion is true, but the reason is false.
 - d) The assertion is false, but the reason is true.

III. Answer the Detail:

4 × 5 = 20

30. a) Explain the different types of medium based on interaction of matter with light
(or)
b) Write short notes on constellations.
31. a) Explain the Big Bang theory.
(or)
b) Explain the formation of an eclipse.
32. a) Explain the stages of processing of wool.
(or)
b) Draw and label the zones of flame. Explain the zones in detail.
33. a) What are the different ways in which we can care for domestic animals?
(or)
b) What are the uses of silk?