

INTERNATIONAL INDIAN SCHOOL BURAIDAH

SCIENCE / CLASS-7/ ANNUAL EXAM SAMPLE PAPER 2025-26

Date: _____

Time: 3 hrs

M.M. 80

SECTION –A (35 Marks)

A. CHOOSE THE CORRECT OPTION :

1. An object moving along a straight line with a constant speed is said to be in _____ motion 1
a) non-uniform linear b) uniform linear c) oscillatory motion d) none of these
2. A pinhole camera gives _____ image 1
a) laterally inverted b) erect c) inverted d) upright image
3. Which of the following is a luminous object? 1
a) Pole star b) mars c) venus d) mirror
4. How long does Earth take to complete one revolution? 1
(a) 1 year (b) 30 days (c) 24 hours (d) 12 hour
5. Light travels in a 1
(a) Zig zag way (b) circular path (c) straight line (d) irregular path
6. In which direction does the Earth rotate? 1
(a) East to West (b) West to East (c) North to South (d) South to North
7. Which state follows the Shuchi Scheme? 1
Karnataka b) Odisha c) Jharkhand d) West Bengal
8. Pimples are common during adolescence due to: 1
a) increased activity of sweat glands
b) increase in oily secretions from skin
c) increased activity of salivary glands
d) increased activity of thyroid glands.
9. Which metal is commonly used to make food packaging materials as it is cheaper and its thin sheets can be folded easily into any shape ? 1
a) Aluminium b) copper c) iron d) gold
10. Metals react with oxygen to produce metal oxide which are _____ in nature 1
A) acidic b) basic c) both acidic and basic nature d) neutral
11. In liquids and gases, heat transmission is primarily caused by 1
(a) Convection (b) Radiation (c) Conduction (d) none of these
12. The underground layers of sediment and rocks that store water in pore space are called 1
a) infiltration b) water cycle c) aquifers d) precipitation.
13. Which of the following is not a unit of speed? 1
(a) Metre/second (b) km/minute (c) km/hour (d) Second/metre
14. The process of water vapour changing into tiny droplets to form a cloud is called 1
a) Condensation b) Evaporation c) Transpiration d) infiltration
15. A running track at the school sports day is 100 m long. Dhoni takes 10 seconds to cover it. The speed of the head boy is 1
(a) 10 km/s (b) 10 m/s (c) 10 km/h d) 10 m/h

B. Question number 16 and 17 consists of an Assertion and a Reason. Use the key below to choose the appropriate answer.

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true but R is false.
- d) A is false but R is true .

16. **Assertion:** Sea breeze occurs during the day. 1

Reason: During the day land gets heated faster than water , this warm air rises up, and cooler air from the sea moves towards the land. .

17. **Assertion:** The speed of the body remains constant during uniform motion.

Reason: In uniform motion, the body covers equal distances in equal intervals of time.

C. FILL IN THE BLANKS :

- 18. The average speed of an object is the total distance covered divided by the _____ taken to cover it. 1
- 19. If the speed of an object moving along a straight line keeps changing, it is said to be in _____ motion. 1
- 20. _____ plays a crucial role in regulating various aspects of growth and development. 1
- 21. Generally (metals/non-metals) _____ do not react with water . 1
- 22. The property of materials by which they can be drawn into wires is called _____. 1
- 23. Puberty is the stage in which the body of a child undergoes changes to develop into an adult capable of _____. 1
- 24. A _____ camera creates an inverted image (upside-down) of an object on a screen. 1
- 25. The change in direction of light by a mirror is called the _____ of light. 1
- 26. The motion of an object around another object is called _____. 1
- 27. _____ is known as the father of modern Indian astronomy. 1

D. ANSWER IN A WORD OR A SENTENCE :

- 28. Which metal is used to make foils for wrapping food? 1
- 29. Which eclipse occurs when the Moon comes between the Sun and the Earth? 1
- 30. Name two objects that do not emit their own light . 1
- 31. Name two objects which block the light completely . 1

- | | |
|--|---|
| 32. Two types of breezes | 1 |
| 33. What is the formula to find time if speed and distance are given? | 1 |
| 34. Name two physical changes that occur in girls during adolescence . | 1 |
| 35. Name the different stages in human's life journey . | 1 |

SECTION – B (10 Marks)

E. ANSWER THE FOLLOWING :

- | | |
|---|---|
| 36. Sania told her friend, "Adolescence brings only physical changes, like growing taller or developing body hair." Is she correct? What would you change in this description of adolescence? | 2 |
| 37. Why are only a few metals suitable for making jewellery? | 2 |
| 38. Why are hollow bricks used to construct the outer walls of houses in hot regions? | 2 |

OR

Define : a) Orbit b) revolution

- | | |
|---|---|
| 39. A train travels at a speed of 20 m/s and covers a distance of 300 km. How much time does it take? | 2 |
| 40. Write a note on Adam's apple. | 2 |

SECTION-C (15 Marks)

F. ANSWER THE FOLLOWING:

- | | |
|--|---|
| 41. Name any three emotional changes seen during adolescence. | 3 |
| 42. The water cycle helps in the redistribution and replenishment of water on the Earth. Justify the statement. | 3 |
| 43. A shopkeeper serves you cold lassi in a tumbler. By chance, the tumbler had a small leak. You were given another tumbler by the shopkeeper to put the leaky tumbler in it. Will this arrangement help to keep the lassi cold for a longer time? Explain. | 3 |
| 44. A runner completes 400 metres in 50 seconds. Another runner completes the same distance in 45 seconds. Who has a greater speed and by how much? | 3 |
| 45. Measure the length of your shadow at 9 AM, 12 PM, and 4 PM with the help of your friend. Write down your observations: | 3 |
| (i) At which of the given times is your shadow the shortest? | |
| (ii) Why do you think this happens? | |

OR

Why do you think lunar eclipses can be seen from a large part of the Earth when they happen, but total solar eclipse can be seen by only a small part of the Earth?

SECTION – D (20 Marks)

G. ANSWER THE FOLLOWING:

46. Ramesh, an 11-year-old boy, developed a few pimples on his face. His mother told him that this is because of ongoing biological changes in his body. 4

OR

A car covers 80 km in the first hour, 40 km in the second hour, and 30 km in the third hour. Is the motion uniform? Justify your answer. Find the average speed of the car.

47. While using a toilet, Mohini noticed that used sanitary pads were scattered near the bin. She got upset and shared her feelings with her friends. They discussed the importance of menstrual hygiene and healthy sanitary habits. What menstrual hygiene and sanitary habits would you suggest to your friends? 4

48. Distinguish between uniform and non-uniform motion using the example of a car moving on a straight highway with no traffic and a car moving in city traffic 4

49. The fastest galloping horse can reach the speed of approximately 18 m/s. How does this compare to the speed of a train moving at 72 km/h?

50. Define : a) ductility b) sonority c) malleability d) rusting. 4