

KENDRIYA VIDYALAYA SANGATHAN, RAIPUR REGION
SESSION ENDING EXAM (2024-25)
CLASS – VII
SUBJECT – SCIENCE
MARKING SCHEME

Section A

1. c) Second
2. c) Distance / Time
3. a) A pendulum of a clock
4. d) Ampere
- 5.d) copper
- 6.c) To break the circuit if current is too high
- 7.c) It always travels in a straight line
- 8.b) Virtual image
- 9 b) concave mirror
10. c) forests
11. b) fertile
12. c) humus
- 13.c) Asthma
14. c) sludge
- 15.b) Swacch Bharat mission .

Section B

16. correct graph (1,1)
17. Heating effect, magnetic effect , chemical effect.(any two) (1,1)
18. Any two correct differences (1,1)

OR

Correct definition

19. Any two cases child writes . (1,1)
- 20.The aerobic bacteriadigest and break down the organic wastes such as faeces, soap and food wastes etc.(2

Section C

- 21.(a) Time period = time taken / no. of oscillations = $84/40 = 2.1s$
($1+1/2+1/2+1/2+1/2$)

(b) oscillatory motion

Straight line

Circular

Linear or straight line

22. (a) An electromagnet is a type of magnet in which the magnetic field is produced by an electric current. Electric bells, Loudspeakers and buzzers any two.

(b) correct explanation (1.5+1.5)

23. a) Light always travel in straight line. (1.5)

b) because it makes light rays come together or converge , making object appear larger. (1.5)

OR

- (a) correct difference . (2)
- (b) correct diagram (1)
24. Role of decomposers (3)

Section D

Answer the following questions in detail :

25. a) Proper diagrams – 3Marks
- b) any two precatations 2M
26. (a) Any two with one difference each . (2 M)
- (b) correct answer (3m)
27. Definition of sewage. 1M
- Correct explanation 4M

OR

Paragraph or 5 sentences 5M

Section E

28. 1.b) Periodic Motion

2. c) The pendulum is at rest in its extreme positions

3. c) Oscillation

4. b) Length of the pendulum

29.1. a) Virtual and erect

2. b) 1m

3.d) Double the distance as the object is from the mirror

4.any one use

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