

PM SHRI KENDRIYA VIDHYALAYA SITAPUR

FIRST SHIFT

PERIODIC TEST-2 (2023-24)

SUBJECT: SCIENCE

CLASS – VIII

MAX MARKS – 40

TIME-90 min.

Multiple Choice Question:

(9X1=9)

1. Sound propagates maximum in

- (a) Gas (b) Liquid
(c) Solid (d) All

2. Pitch of sound is determined by its

- (a) frequency (b) speed
(c) amplitude (d) loudness

3. 1 hertz is equal to

- (a) 1 vibration per minute (b) 10 vibrations per minute
(c) 60 vibrations per minute (d) 600 vibrations per minute

4. Friction is a

- (a) non-contact force (b) contact force
(c) magnetic force (d) electrostatic force

5. Which of the following produces least friction?

- (a) Sliding friction (b) Rolling friction
(c) Composite friction (d) Static friction

6. Which is not a non-electrolyte?

- (a) Ethyl alcohol (b) Sodium chloride
(c) Urea (d) Sodium solution

7. Iron objects can be protected by electroplating them with

- (a) chromium (b) nickel
(c) zinc (d) all of these.

8. The shaking and trembling of earth is called

- (a) tsunami (b) volcano
(c) earthquake (d) none of these

9. **Assertion:** Acne and pimple are very common among adults.

Reason: This is due to increased production of sweat from sweat glands.

(a). If both assertion and reason are correct and reason is correct explanation of the assertion.

(b) If both assertion and reason are correct, but the reason is not the correct explanation of the assertion.

(c) If assertion is correct, but reason is incorrect.

(d) If assertion is incorrect, but reason is correct.

Very Short Answer Question: (4x2=8)

10. A simple pendulum makes 20 oscillations in 40 seconds. What is the time period and frequency of its oscillation?

11. Why is fine powder sprinkled on the carrom board?

12. How do we check the electric current?

13. Who discovered the static electricity or lightning in clouds and when?

Short Answer Question: (3x3=9)

14. a). Define frequency.

b). What do you mean by audible sound?

c). Two astronauts are floating close to each other in space. Can they talk to each other without using any special device? Give reasons.

15. Suggest three measures to protect ourselves from lightning.

16. Define good conductors and poor conductors or insulators.

LONG ANSWER QUESTION (5x2=10)

17. With the help of a suitable diagram, explain electrolytic refining of copper.

18. A). Define noise pollution. List the harmful effect of Noise pollution and How can we control noise pollution?

B). Briefly describe the loudness and shrillness of the sound.

CCT QUESTION (1x4=4)

19. Role of Hormones in Initiating Reproductive Function

Endocrine glands release hormones into the bloodstream to reach a particular body part called target site. The target site responds to the hormone. There are many endocrine glands or ductless glands in the body. The testes and ovaries secrete sex hormones. These hormones are responsible for the male and female secondary sexual characters. Further, the sex hormones are under the control of hormones from the pituitary gland. The pituitary secretes many hormones, one of which makes ova mature in the ovaries and sperms form in the testes.

A) Another name of endocrine glands is

B) Which gland controls the hormones released from testes and ovaries?

C) How do endocrine hormones reach their target?

D) What is target sites?