O.P.JINDAL SCHOOL,SAVITRI NAGAR
PERIODIC TEST -II (2023-24)

CLASS-VIII　　　　　　　　　　　　　　　　**MAX.MARKS-20**

SUBJECT-SCIENCE　　　　　　　　　　　　　**MAX.TIME-1HOUR**

General Instruction:-

(i)All questions are compulsory .There are 12 questions in this question paper with internal choice.

(ii) **SECTION –A:** Question numbers 1 to 6 are MCQs , carrying 1 mark each.

(iii) **SECTION –B:** Question numbers 7 to10 are short answer questions carrying 2 marks each.

(iv) **SECTION –C:** Question numbers 11and 12 are long questions carrying 3marks each.

SECTION-A

Q-1)The number of oscillation per second is called

(a)Time period　　　　　　　　　　(b)Amplitude

(c)Frequency　　　　　　　　　　　(d)Loudness

Q-2)After fertilization _____ divides repeatedly to give rise to ball of cells.

(a)Ovum　　　　　　　　　　　　　(b)Zygote

(c)Embryo　　　　　　　　　　　　(d)Sperm

Q-3)The frequency determines _____of the sound .

(a)Loudness　　　　　　　　　　　(b)Pitch

(c)Waveform　　　　　　　　　　　(d)Amplitude

Q-4) Which of the following is the site of fertilization in humans?

(a) Uterus　　　　　　　　　　　　(b) Fallopian tube

(c) Ovary　　　　　　　　　　　　(d) Vagina

Q-5)The ultrasonic sound has frequency

(a)less than 20Hz　　　　　　　　　(b)greater than 20,000 Hz

(c)between 20 to 20000Hz　　　　　(d)greater than 20Hz

Q-6) Which of the following is not an oviparous animal?

(a)Cow　　　　　　　　　　　　　(b)Silkworm

(b)Hen　　　　　　　　　　　　　(d)Frog

SECTION-B

Q-7)Write two differences between (i)viviparous and oviparous (ii)Music and Noise

Q-8)Describe Metamorphosis.

Q-9)How loudness depends on amplitude? Explain briefly.

Q-10)What is eardrum? Explain its function.

SECTION-C

Q-11) Explain briefly the life cycle of a frog with well labelled diagram.

Q-12) (i)A simple pendulum makes 20 oscillations in 40 seconds. What is the time period and frequency of its oscillation?

(ii) Write two methods to control noise pollution.

OR

(i)Name the unit used to measure the loudness of sound.

(ii) A pendulum oscillates 40 times in 4 seconds. Find its time period and frequency.

(iii) How does sound of a bird differ from roar of a lion?