

O. P. JINDAL SCHOOL, SAVITRI NAGAR

Annual Examination (2023 – 2024)

Class / Section: V _____

MM:80

Subject: Science

Time: 2 hrs

Name _____

Roll No.: _____

Invigilator's Sign: _____

(Fifteen Minutes Extra will be given for reading the Question Paper.)

General Instructions:

- The question paper comprises of five sections A, B, C, D, E . There are 24 questions in the question paper. All questions are compulsory.
 - Section A, question no. 1 is of MCQ type carrying 1 mark each.
 - Section B, question no. 2 and 3 are of case-based and carrying 4 marks each.
 - Section C, question no. 4 to 12 are very short answer type and carrying 2 marks each.
 - Section D question no. 13 to 21 are short answer type and carrying 3 marks each.
 - Section E, question no. 22 to 24 are long answer type and carrying 5 marks each
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(Section-A)

Q1. Tick the correct option-

- (i) Concrete is made from stone chips, sand _____ and water.
a) Air b) Stones c) Cement d) Bricks
- (ii) Blue dustbin is used for _____.
a) Hospital waste b) Garden waste c) Dry waste d) Wet waste
- (iii) A solid in which the molecules do not arranged in a regular pattern.
a) Glass b) Amorphous c) Crystalline d) Both A and B
- (iv) The process of separating a solid from a liquid is called by using a strainer--
a) Filtration b) Sedimentation c) Condensation d) Decantation
- (v) Throwing back of light by an object is called -
a) Refraction b) Reflection c) Both A and B d) Transformation
- (vi) We can see clearly through _____ things.
a) Transparent b) Opaque c) Translucent d) All of these

- (vii) A sound of a low pitch _____.
- a) Pitch b) Bass c) Noise d) Vibrations
- (viii) Sound produce by _____ of muscles.
- a) Vibrations b) Noise c) Bass d) Burgle
- (ix) When a fuel combines with oxygen, the energy stored in it changes into _____ energy.
- a) Physical b) Chemical c) Electrical d) Sound
- (x) In a thermal power station, heat energy changes in to _____.
- a) Physical b) Chemical c) Potential d) Electrical
- (xi) Two pulleys are used to _____ force.
- a) Hold b) Decrease c) Magnify d) None of these
- (xii) The point about which a lever moves is its _____.
- a) Nail b) Screw c) Axle d) Fulcrum

(Section-B)

Q.2 Read the paragraph and tick the correct answers. (Case based)-

Ragpickers collect plastic items from waste we throw away. Kabadiwallahs buy plastic items from us from ragpickers, and sell these to waste dealers. Waste dealers sell the plastic recycling factories, which produce a pellet from molten plastic. The pellets are used by various factories to make new things

- (i) Who bought plastic items from ragpickers?
- a) Waste dealers b) Students c) Factories d) Abdallah
- (ii) Who collected plastics from waste?
- a) Waste dealers b) Ragpickers c) Factories d) Abdallah
- (iii) Pellets are used by various factories to make _____ things.
- a) Waste b) Repair c) New d) None of these
- (iv) Waste dealers sells plastic to recycling _____.
- a) Waste b) Houses c) Factories d) Shop

Q.3 Read the paragraph and tick the correct answers. (Case based)-

Together nitrogen and oxygen make up about 99 per cent of air. what does 99 percent mean/ It means 99 parts out of 100. About 21 % of air is oxygen, while 78% is nitrogen. Nitrogen is important for two reasons. First, it stops burning things up too fast. Second, it is one of the things proteins are made up of.

(i) Which gas stops things burning up too fast?

- a) Ozone b) Oxygen c) Carbon dioxide d) Nitrogen

(ii) Which gas helps in breathing?

- a) Ozone b) Oxygen c) Carbon dioxide d) Nitrogen

(iii) Per cent of nitrogen in air -

- a) 21% b) 78% c) 60% d) 25%

(iv) Which gas helps plant in photosynthesis?

- a) Ozone b) Oxygen c) Carbon dioxide d) Nitrogen

(Section-C)

Q.4 What does biodegradable' mean? (2marks)

Q.5 What are two ways of reusing something that we no longer need? (2marks)

Q.6 Write one word for- (2marks)

- a) A gentle wind _____
b) A mixture of a liquid and a solid that does not dissolve in it - _____

Q.7 Write true or false- (2marks)

- a) Shadows are blurry when the source of light is small. _____
b) We cannot see reflection of things on surfaces that reflect light very well. _____

Q.8 What are the two characteristics by which we can tell one sound apart from another? (2marks)

Q.9 Give two examples of warning sounds? (2marks)

Q.10 Fill in the blanks- (2 marks)

- a) Work done = amount of force x _____.
b) When an arrow is shot from a bow, the energy stored in it changes into _____

Q.11 Name two sources we use to get electrical energy. (2 marks)

Q.12 In what way does a pulley make work easier? (2marks)

(Section -D)

Q.13 What are 3 R'S? Show through the diagram only. (3marks)

Q.14 Why do all living being need to take in air? (3marks)

Q.15 Show composition of air through the diagram. (3marks)

Q.16 Why do we see clearly through transparent body? Name two transparent body. (3marks)

Q.17 Draw the diagram of solar eclipse. (3marks)

Q.18 How do we see a nonluminous body? Name two nonluminous objects. (3 marks)

Q.19 Give one example each of a loud sound, a soft sound, and high sound. (3marks).

Q.20 Name any three fuels. Why are they called non-renewable sources of energy? (3marks)

Q.21 What is machine? Name any 4 types of simple machines. (3 marks)

(Section-E)

Q.22 What is noise pollution? Mention three ways by which we can reduce it (5marks)

Q.23 What are renewable and non-renewable sources of energy? Give two examples of each. (5marks)

Q.24 What is lever? Draw and label all 3 types of it. (5marks)
