



ANGEL'S PUBLIC SCHOOL

SAMPLE PAPER
FINAL EXAMINATION SESSION 2019 – 20
CLASS – V

SUBJECT: SCIENCE

TIME: 3 HRS

M.M:80

Name _____

Roll no. _____

1. Multiple choice questions.

(10X1=10)

(a) When the moon is completely in the dark shadow of the earth, it is a ____ eclipse.

(i) lunar

(ii) partial lunar

(iii) total lunar

(b) The moon takes _____ days to go round the earth once.

(i) 28 days

(ii) 29 days

(iii) 30 days

(c) The upthrust of a liquid helps an object to _____ it.

(i) sink in

(ii) float on

(iii) escape from

(d) Hydrometer is used to measure the_____.

(i) volume

(ii) weight

(iii) density

(e) An object that floats in water will_____ in mercury.

(i) sink

(ii) also float

(iii) first sink then float

(f) Screw is a simple machine which _____.

(i) fixes things

(ii) moves loads

(iii) cuts things

(g) India is not able to control its population because_____.

(i) the health and medical care has helped to control diseases

(ii) in every 1-5 seconds, a new baby is born

(iii) no serious efforts have been made to check it

(h) A large number of cranes in a zoo died after the meal. The cause of the death was reported to be_____.

(i) the spread of an epidemic

(ii) fish that were polluted with insecticides

(iii) that they were not given full meal.

(i) Which force is being exerted by a tractor pulling a trolley?

(i) mechanical

(ii) muscular

(iii) buoyant

(j) Which of the following has the maximum density?

(i) iron

(ii) ice

(iii) water

2. One word answers.

(10X1=10)

(a) Name the upward thrust of liquid, that helps objects to float.

(b) 1L = _____ ml.

(c) Name the units which the density can be expressed.

(d) What is the density of water?

(e) Name the main source of heat and light.

(f) Which type of energy is possessed by the stretched string in a bow?

(g) Ice tongs are the lever of which order?

(h) Name any one artificial satellite of the earth.

(i) The decomposition of the biomass produces _____ gas.

(j) Atomic bombs are prepared by making use of which energy?

3. State whether true or false.

(8X1=8)

(a) Force cannot change the speed of an object.

(b) Growing population poses no threat to mankind.

(c) Friction is always harmful.

(d) We use grease in bicycle to reduce friction.

(e) An object that floats in water will sink in mercury.

(f) Today, man lives in harmony with animals and plants.

(g) The surface of the moon is rough but even.

(h) The solar eclipse occurs on a 'no moon' day but not on every 'no moon' day.

4. Fill in the blanks.

(8X1=8)

(a) Sometimes, the eclipses are _____ and sometimes, they are _____.

(b) India is facing a _____ problem.

(c) The object whose density is _____ than water, sinks when placed in water.

(d) A measuring cylinder is used to measure the volume of a _____.

(e) An arrow released from a bow is an example of _____ energy.

(f) A pair of tongs and _____ are levers of the _____ order.

(g) We should use _____ resources with utmost care.

(h) Growing population poses a threat to _____.

5. Short answer questions.

(8x3=24)

(a) What was the significant difference between animals and man?

(b) What role did man assume?

(c) What is the major difference between a simple and a big machine?

(d) Name any two sources of energy.

(e) Explain why ships float higher in sea water than in river water.

(f) What is white revolution?

(g) If a body weighs 6kg on the earth, what will be its weight on the surface of the moon?

(h) What are tides?

F. Long answer questions. (Do any two)

(2X5=10)

(a) Mention three achievements of science in the areas of medicine, agriculture and industry.

(b) What is the difference between the kinetic and the potential energy?

(c) How is a lunar eclipse caused?

G. Draw well labelled diagrams of the following.

(2X5=10)

(a) the following second order of lever

(b) solar eclipse