

16. The property of light of travelling in straight line is called-
a) Circular
b) Curvilinear propagation
c) Rectilinear
d) Random
17. Dolphin produces sound by
a) Blowing air through their vocal cords.
b) Vibration of their wings
c) Blowing air from air-filled pouches through blowhole
d) Rubbing the body
18. A device used to detect and test small electric charges is
a) A lightning conductor
b) An electroscope
c) Both of the above
d) None of these
19. The saprophytes are
a) Plants
b) Animals
c) Plants and animals
d) Bacteria and fungi
20. Transplanting or replanting is the technique of moving a plant from one location to another. What is the advantage of transplanting?
a) It helps the farmers to select only the healthy seedling
b) Seedlings can be planted at a proper distance
c) It increases the crop production
d) All of the above

ANSWERS

1. d	2. b	3. d	4. b	5. a	6. c	7. d	8. b	9. a	10. a
11. d	12. d	13. a	14. b	15. c	16. d	17. b	18. d	19. d	20. b

CLASS – VII

INSTRUCTIONS

This is a MODEL PAPER of National Science Hunt (NSH). This question paper contains 20 questions. For each correct answer four marks will be awarded. There is no negative marking, for each unattempted question zero marks will be awarded. Use the provided OMR sheet for answering. Use HB pencil/ball point pen to darken the circles. If you wish to change your answer, erase the already darkened circle completely and then darken the appropriate circle. Use of calculator and mobile phone is strictly prohibited during the examination.

SYLLABUS

Physics : Motion And Time, Electric Current And Its Effects , Light , Heat , Wind, Storms And Cyclones.

Chemistry : Fibre To Fabric , Acid , Bases And Salts, Physical And Chemical Changes , Soil.

Biology : Nutrition In Plants, Animals, Weather, Climate And Adaptations Of Animals To Climate, Reproduction In Organisms, Transportation In Animals And Plants, Reproduction In Plants, Water , Forests, Water Management.

- Human eye has a converging lens which produces an image at the back of the eye. If the eye views a distant object which type of image is produced?
 - Virtual, inverted, magnified
 - Virtual, erect, diminished
 - Real, erect, same size
 - Real, Inverted, diminished
- Which one is not soluble in water
 - Lemon juice
 - Mustard oil
 - Honey
 - Sugar solution
- Silk is obtained from silkworm from
 - Skin of silk moth
 - Salivary glands of caterpillar
 - Salivary glands of silk moth
 - Cocoons of the larvae

4. Quick lime is
a) CaO b) KOH c) Na₂O d) NaOH
5. The liquid metal is
a) Sodium b) Bromine c) Mercury d) Potassium
6. The energy providing food is
a) Proteins b) Minerals
c) Vitamins d) Carbohydrates
7. The vermicompost is prepared by
a) Round worms b) Tape worms
c) Red worms d) Flat worms
8. Xylem and phloem are
a) Muscular tissue b) Ground tissue
c) Epithelial tissue d) Vascular tissue
9. The maximum photosynthesis on this earth takes place by
a) Gymnosperms b) Angiosperms
c) Algae d) Bryophytes
10. The pure water freezes at 0°C at
a) 120mm of mercury pressure
b) 260mm of mercury pressure
c) 700mm of mercury pressure
d) 760mm of mercury pressure

11. Hard water is the water having
a) Bicarbonates of potassium
b) Chlorides of magnesium
c) Bicarbonates, chlorides and sulphate salts of calcium and magnesium
d) None of the above
12. A small gap is left at the joints of railway track
a) To allow the contraction during summer
b) To allow the expansion during summer
c) To allow first contraction and then expansion
d) None of the above
13. 1 Calorie is
a) Amount of heat energy required to raise the temperature of 1kg of water through 1 degree of celsius
b) Amount of heat energy required to raise the temperature of 1gm of water through 1 degree of celsius
c) Amount of energy required to transform one gram of ice into water at zero degree celsius
d) Quality of work done at atmospheric pressure.
14. The bad conductor of heat is
a) Iron b) Aluminium c) Wood d) Steel
15. A lunar eclipse occurs on
a) No moon day b) On a full moon day
c) On sunny day d) None of the above