

DELHI PUBLIC SCHOOL, JAMMU

REVISION SHEET FOR PT III

Session-(2017-18)

CLASS: VIII

Subject: Science

Very Short answer type Questions

- Q1. What do you mean by malleability?
- Q2. What happens when a metal reacts with oxygen?
- Q3. What is the nature of non-metal oxides?
- Q4. Name the petroleum product used for surfacing of roads.
- Q5. What is the purest form of carbon?
- Q6. What is the working of iris?
- Q7. Which cells of the retina are sensitive to bright light and colour?
- Q8. What is lateral inversion?
- Q9. What is the Braille system?
- Q10. Who discovered the cell and when?

Short answer type Questions-I

- Q11: A doctor prescribed a tablet to a patient suffering from iron deficiency. The tablet does not look like iron. Explain.
- Q12: What will be the number of images formed if the angle between two mirrors is 20° ?
- Q13: Why CNG is preferable for vehicles in respect to petrol and diesel?
- Q14: Describe some examples where heat is produced due to friction.
- Q15: How will you distinguish between a plane mirror, a concave mirror, a convex mirror without touching them?
- Q16: What is the difference between myopia and hypermetropia?
- Q17: Why are following important to a plant cell:
 - i) Cell wall
 - ii) Chloroplast
 - iii) Mitochondria

Q18: A boy pulls a cart with a force of 4.5N west. His friend pushes it with a force of 5N west. What is the net force on the cart? In which direction will it move? Draw a diagram to show your answer.

Short answer type Questions-II

- Q19: State the basic laws, which determine the reflection of light by mirror.
- Q20: Write three advantages of friction.
- Q21: Why blanket is wrapped around a person whose clothes caught fire?
- Q22: The handle of a cricket bat or a badminton racquet is usually rough. Explain the reason.
- Q23: What is speed of light in air, water and glass?
- Q24: What is spectrum? In what order do the colours appear?
- Q25: Why does the goldsmith use the outermost zone of the burning flame?
- Q26: Explain why it is convenient to pull the luggages fitted with rollers.

Long answer type Questions:

Q27: What is friction? What do we use in bicycle wheels to reduce friction? How does this help to reduce friction?

Q28: What is coal? What are its different types? Describe the process of coal formation.

Q29 Write short notes on:-

- i) Golgi apparatus
- ii) Endoplasmic reticulum
- iii) Lysosomes

Q30: What is displacement reaction? How does the metal reactivity series help to predict the products of a reaction? Explain with examples.

Q31: Draw a labelled diagram of the eye and answer the following questions:-

- i) From where does light enter inside the eye.
- ii) Which muscles control the focal length of the eye lens?
- iii) Where is the image formed?
- iv) Which nerve sends the image signals to the brain?

Q32: Why is good nutrition important for healthy eyes? What kinds of foods are especially important?

Multiple-choice Questions:

Q33: Which one of the following metals does not react with cold as well as hot water?

- a) Na
- b) Ca
- c) Mg
- d) Fe

Q34: Generally, non-metals are not lustrous. Which of the following non-metal is lustrous?

- a) Sulphur
- b) Oxygen
- c) Nitrogen
- d) Iodine

Q35: The unit of measurement used for expressing dimensions (size of cells) is:

- a) Centimetre
- b) Millimetre
- c) Micrometre
- d) Metre

Q36: The jelly like fluid substance present in cell is called

- a) Protoplasm
- b) chromosome
- c) Chloroplast
- d) cytoplasm

Q37: Point at which all rays converge is termed as

- a) Converging point
- b) focal point
- c) Focal centre
- d) converging centre

Q38: Which colour suffers least deviation on passing through a prism?

- a) Red
- b) violet
- c) Indigo
- d) blue

Q39: Friction produces

- a) Light
- b) alpha rays
- c) Heat
- d) all of these

Q40: A toy car released with the same initial speed will travel fastest on

- a) Muddy surface
- b) polished marble surface
- c) Cemented surface
- d) brick surface

Q41: Which one of the following has the highest calorific value?

- a) Kerosene
- b) biogas
- c) LPG
- d) petrol

Q42: The substance that does not burn with flame is

- a) Camphor
- b) LPG
- c) Dry grass
- d) charcoal