**EXAM - PAPER (CBSE/NCERT)** 

#### PRACTICE SET -2

**SESSION -2024-25** 

CLASS - 10th

# JOIN TODAY FOR ADVANCE CONCEPTS ONLY IN ₹2000 PER MONTH

MRP: ₹ 100/- ONLY

ALSO, BASIC CONCEPTS CLASSES IN SUMMER VACATION Apr, May & Jun (Every Year)

6th to 10th (Math's & Science), 11th & 12th (Physics, Chemistry, Math's)

Time: 3:00 has Exam paper - 2, (Science) mm:

- Q.1. choose and write the correct alternative:
  - (i) what happens when dilute hydrochloric acid is added to iron fillings ?
    - (9) Hydrogen gas and iron Chloride are produced.
    - (b) chlorine gas and iron hydroxide are produced.
    - (c) No reaction takes place.
    - (d) Iron salt and water are produced.
- @ @i) The most reactive metal is -
  - (a) Ma (b) Au (c) Ag (d) Cu
  - (iii) A sexual reproduction through small buds takes place in -
  - (a) Amoeba (b) yeast
  - (c) plas modiam (d) Leishmania.
  - (iv) which of the following is not a part of female reproductive system in human being of
    - (9) ovary (6) oferus
    - (c) vas deferens (d) Fallopian tube.

- (D) S.I. Unit of power of fens is -

  - (9) meter (b) centimeter
  - (c) Diophre (d) millimeter
- (vi) The human eye forms the image of an object at its -
  - (g) Cornea
- (b) Ins
- (c) papil
- (d) Reting
- (vii) The change in focal length of an eye lens is Caused by the action of the :
  - (a) pupil (b) Reting
  - (c) cilliary muscles (d) Iss.
- (Viii) Fossil fuel is -
  - (a) Coal and petroleum (b) wood
  - (c) paper.

- (d) Plastic.
- Q.a. Fill in the blanks:
  - (i) Newlands gave the law of ....
  - (ii) Fishes have only .... Chambers in their heart.

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- (iii) Green planto makes their own .....
- (in Aerobic respiration occurs in the presence
- (1) .... actions are controlled by the medula.
- (vi) The fusion of male gemete and female gamete. is Called ....
- (vii) (The SI unit of electric current is .....
- (viii) In ... the flow of energy is unidirectional.
- \$ .3. Match the Columns:
- (i) Formula of Common Salf
  - Mon metal rodine
- (ii) Alloy

(iii)

- Blinking of eyelids (vi)
- Reproduction in Hydra (N)
- (vi) Genetic meterial
- The unit of magnetic field (VII)
- (viii) magnetic material

- (a) persted
  - (b) Mac
  - (c) Reflex action
- (d) Iron
- (e) Lustrous
- (f) Budding
- (9) ONA
- (h) gold
- (1) Browse

- Q.4. Write the answer in one sentence each:
  - (i) Write the PH value of geldie solution.
  - (ii) What is the homogeneous mixture of two or more metals ?
  - (iii) What is the gap between two herre cells alled ?
  - (IV) HOW many days are the period of menstruction ?
- (1) Write the names of father of genetical
- (vi) Write the tens formuly.
- (vii) What does an electric circuit mean?
- (viii) How many poles does a magnet have ?
- O. 5. Lhy do we apply paint on iron articles ?

  or

  Lhy is respiration considered an Exothermic reaction?
- Q.6. Write two ways of prevention of comosion
  - write two differences between metals and non-metals

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Q.7. Define the atomic size.

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write two Limitations of Newland's Igw of octaves.

of harmoglobin in our body of

07

what is autoprophic nubition ?

O. 9. Lity is reproduction essential?

Or

Define the unisexual flower

10. Why did mendal choosen the pea plant for their experiments of write any two reasons.

What is heredity ?

Q. 11. Write the laws of reflection of light

Define the magnification.

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Q.12. On what factors does the resistance of 9 conductor depend 9 write any two factors.

How much Look is done in moving a charge of 2 c across two points having a potential difference. 12 v ?

8.13. Draw any two symbols of the Components used in Electric circuit.

Lity is the fungsten used almost exclusively for filaments of Electric lamps ?

Q.14. Give any two ways in which non-biodepradable. Substances would affect the Environment.

What is Ecosystem 9.

9.15. Define the combination reaction and decompo-

why should a magnessium ribbon be cleaned before byrning in air ?

9.

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B.16 Draw a labelled diagram of the human eye.

Or

Draw a labelled diagram of dispersion of white light by the glass prism.

Q.17. Write any three properties of magnetic field lines or what is Right-hand thumb rule ? write.

O.18. What are the advantages of using a solar cooker ? ( My four)

what are the qualifies of an ideal source of energy?

B.19. Write any four differences between acid and base.

write any four uses of plaster of paris.

(1.20. Write the differences between soap and detergent (any form) or

Draw the Electron dot structure of methanes (CH4) and ethane (C2H4)

7.

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B.21. Write the differences between xylem and phloem (any four)

write the differences between blood and lymph.

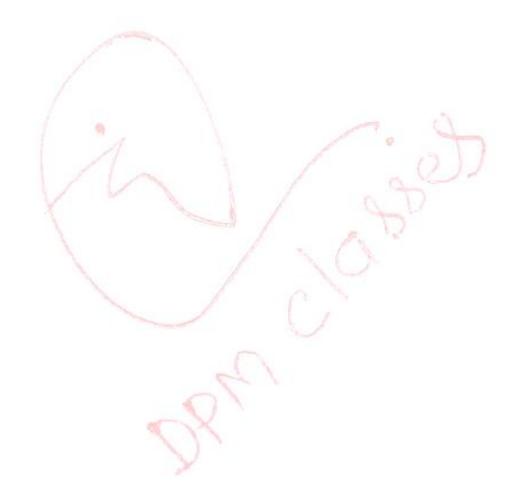
(b) find the focal length of a concave mimod whose radius of cyrrature is 32 cm.

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(a) what is converging lense.? (b) The radius of curvature of a Sphenical minor is 20 cm. what will be its foral kength?

The second secon

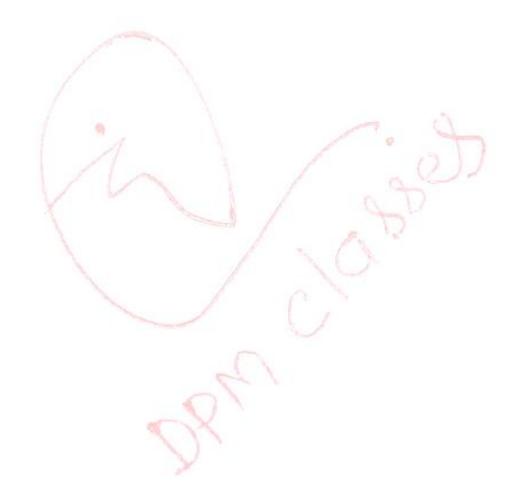
## DPM CLASSES



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