EXAM - PAPER (CBSE/NCERT)

PRACTICE SET -3

SESSION -2024-25

CLASS - 10th

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

Time: 3:00 hys Exam paper-3 (Science) mm.

- Q. 1. Choose and write the correct alternative:
 - (i) What type of reaction is the reaction of calcium oxide with water 1
 - (a) Endothermic reaction (b) Exothermic reaction
 - (c) Neutralization reaction (d) Redox reaction.
- (is which property is not exhibited by metals?
 - (9) Electrical Conductivity (6) Duetility
 - (c) Briffleness (d) Malleability.
- (iii) The process of respiration is -
 - (9) oxidation (b) Reduction
 - (c) Excretion (d) Adsorption
- (is which reproduction method occures in Amoeba?
 - (9) budding 6) Byspores
 - (c) Binary fission (d) maltiple fission
- (1) The focal length of the plane minor is -
 - (9) +1 cm
- (b) -1 cm
- (O) & cm)
- (d) Infinity.

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(VI) The unit of resistors is caused -(a) volt (b) Wett (d) Ampère (c) ohm (vii) A device used to convert electrical energy into mechanical energy (9) Ammeter (b) Generator as Galvanometer. (c) Motor (Viii) There is human in Ecosystem -(a) producer (b) vegetarian (c) Carnivorous (d) Omnivorous. Q. 2. Fill in the blanks -(i) acid is present in vinegar. (ii) A homogeneous mixture of two or more than two metals is called an (iii) Testosteron hormone is secreted by (i) The pollen grains of one flavour are transformed to another flower then this Process is Called

- (1) The Chromosomes are responsible for the male Child.
- (vi) we can see objects in the presence of -
- (vii) The deviation of a ray of colour is maximum by the prism.
- Q. 3. match the columns:
 - (i) strong acid
 - (ii) metal
 - ciij xylem
 - (iv) master-gland
 - (v) female hormone
- (vi) mendal
- (vii) straight line path
- (viii) potential difference

- (9) Water fransport
- (b) pituitary
- (c) Light May
- (a) volt.
- (e) Hc)
- (f) Estrogen
- (g) Good conductor
- (h) Laws of genetics
- (i) ohms
- B. 4. Write the answer in one sentence each.
 - (i) The reaction in which there is an exchange
 - of ions between the reactants are Called 9

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- (ii) Which part of the brain is specialised for thinking, hearing, smelling, seeing ete ?
- (iii) from where does the embryo get nutrition?
- (iv) what will be the power of a lens whose foral length is 1 meter?
- (v) What is the reason that the danger signal or signal light is red in volows?
- (vi) HOW many watts are there in one horse power?
- (vii) The most important device for protection gainst damage due to short circuit or overloading is?

Q.5. What is comosion of describe with example.

Write the following word equation to balanced chemical equation

Zinc + Suphynic acid > Zinc Suphate + Hydrogen.

the contract will be made in the Me

posts or just on the control and

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O. 6. Explain the meaning of malleability and ductility? or

Name two metals which are found in nature. in the free state.

Q.7. Write only one example of each saturated and unsaturated Carbon Compaunds.

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write only one example of each functional group aldehyde and Carboxylic acid.

Q.8 write only the chemical quation of photosynthesis process or

What is helpotrophic hubortion of Grive an example

Q.q. Define - the regeneration or which is called regetative propagation

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B. 10. What is the total number of Chromosomes in human of what is the difference between female and male chromosomes of

HOW do mendel's experiments shows that trests are inherited indepenently ?

(1.11. What is a biconvex fens Called ? or write any two applications of concave minor.

B.12. What happens when a light ray enters denser medium of

Incident ray makes an angle of incidence of 30° on a plane mirror, then what will be the value of the angle of reflection ?

Q.13. Define Electric Current. What is its 5.7. Unit.

which two metals wires are used for fransmission of Electricity?

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8.14. Define the Electromagnetic induction.

or

when does short circuit occurs in an Electric circuit?

Q.15 Why don't two magnetic field lines infersect each other or

what is the device that converts mechanical energy into Electrical energy called? It is based on which phenomenon?

a.16. Write only names of various trophic level living organisms of food Chain in any one ecosystem.

which is called omnivosous animals?

an example?

why do fall the bag of potato chips with nitrogen gas? Explain ?

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- 3.18. Write any three functions of human brain?

 write the name of any three Endocrine glands
 found in human and also write its secreting hormone name?
- Q. 19. What is Called the Colour dispersion ? Explain with diagram. or why does the Colour of the Chear sky appear blue?
- Q. 20. How does footh decay occur due to pH change. How to prevent this ?

write two uses of each of the following:
(i) Batisp soda (ii) Bleaching powder (iii) plaster of paris (iv) washing soda.

of any four members of alkane homologous series.

Define alkene and alkyne and give one example of each.

By. Er. Dharmendra Sir

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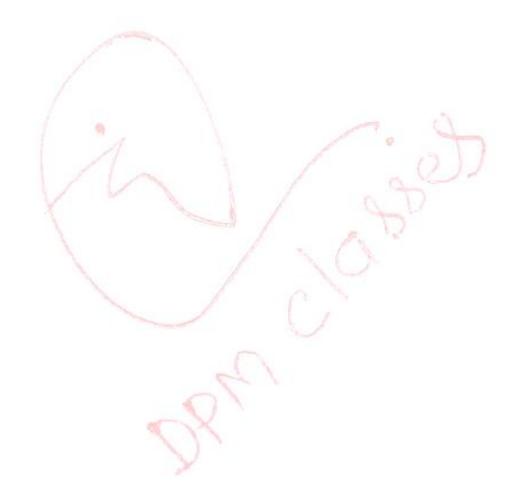
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B.22. Draw a neat and clean labelled diagram of human digestive system.

Draw a neat and clean labelled diagram of human heart.

DPM CLASSES



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