

**MAH-CET 2024 FOR
BCA BBA BBM BMS**



**CRASH
COURSE**

DAY-30

**GK & CURRENT
AFFAIRS**



SCIENCE





**TOTAL
QUESTIONS
TODAY:**

30

FOR MORE UPDATES
UPDATESTODAY.IN





DOWNLOAD TODAY'S LECTURE NOTES & WORKSHEET

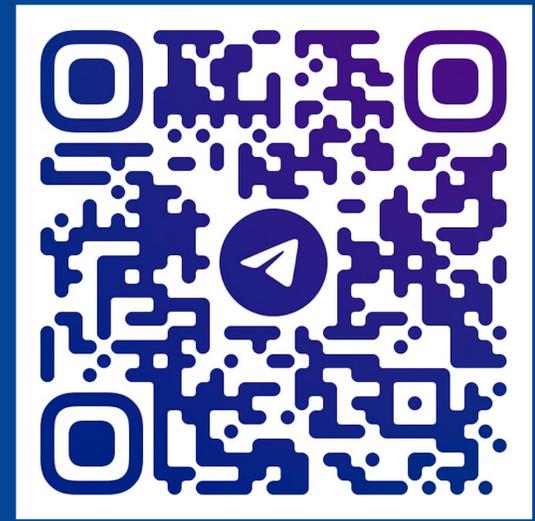
JOIN US ON  **WHATSAPP**



FOR MAH-CET 2024 FOR BBA/BMS/BBM/BCA



JOIN US ON  **TELEGRAM**



FOR MAH-CET 2024 FOR BBA/BMS/BBM/BCA



FOR MORE UPDATES
UPDATETODAY.IN



General Science

GK & CA (15)

How to prepare?

- Science Syllabus from Class VIII - Class 10
- EVS up to Class 10 ←
- → NCERT Exemplar Questions (8th - 10th)

BEST



1. Which of the following is a non metal that remains liquid at room temperature?

- A. Phosphorous
- B. Bromine
- C. Chlorine
- D. Helium

B



A

2. Which of the following is used in pencils?

- A. Graphite
- B. Silicon
- C. Charcoal
- D. Phosphorous



Graphite.



3. Chemical formula for water is

- A. NaAlO₂
- B. H₂O**
- C. Al₂O₃
- D. CaSiO₃



4. Washing soda is the common name for
- A. Sodium carbonate ✓
 - B. Calcium bicarbonate ✓
 - C. Sodium bicarbonate ✓
 - D. Calcium carbonate ✓



4. Washing soda is the common name for

- A. Sodium carbonate \longrightarrow Na_2CO_3
- B. Calcium bicarbonate
- C. Sodium bicarbonate
- D. Calcium carbonate

What is the scientific name for washing soda?

Sodium carbonate (also known as washing soda or soda ash) Na_2CO_3 is a sodium salt of carbonic acid.

Scientific name for baking soda?

Sodium bicarbonate or sodium hydrogen carbonate is the chemical compound with the formula $NaHCO_3$. Sodium bicarbonate is a white solid that is crystalline but often appears as a fine powder. The salt has many related names such as baking soda, bread soda, cooking soda, and bicarbonate of soda.



5. Which of the gas is not known as green house gas?

- A. Methane —
- B. Nitrous oxide —
- C. Carbon dioxide —
- D. Hydrogen —



5. Which of the gas is not known as green house gas?

- A. Methane
- B. Nitrous oxide
- C. Carbon dioxide
- D. Hydrogen

In order, the most abundant greenhouse gases in Earth's atmosphere are:

- * water vapor ✓
- * carbon dioxide ✓
- * methane ✓
- * nitrous oxide ✓
- * ozone ✓
- * chlorofluorocarbons ✓ (CFC)



6. The hardest substance available on earth is

A. Gold ✓

B. Iron ✓

C. Diamond ✓

D. Platinum ✓

naturally

allotrope of carbon
element



7. Which of the following is used as a lubricant?

- A. Graphite ✓
- B. Silica
- C. Iron Oxide
- D. Diamond

Slippery



8. The gases used in different types of welding would include

- A. oxygen and hydrogen
- B. oxygen, hydrogen, acetylene and nitrogen
- C. oxygen, acetylene and argon
- D. oxygen and acetylene





9. When an iron nail gets rusted, iron oxide is formed
- A. without any change in the weight of the nail
 - B. with decrease in the weight of the nail
 - C. with increase in the weight of the nail
 - D. without any change in colour or weight of the nail



10. Among the various allotropes of carbon,
- A. coke is the hardest, graphite is the softest
 - B. diamond is the hardest, coke is the softest
 - C. diamond is the hardest, graphite is the softest**
 - D. diamond is the hardest, lamp black is the softest



11. Heavy water is

A. deuterium oxide

B. PH7

C. rain water

D. tritium oxide

← moderator
in nuclear reactors



12. The element common to all acids is

1. hydrogen ← H - acids.
2. carbon
3. sulphur
4. oxygen

OH - bases



13. Non stick cooking utensils are coated with

- A. Teflon
- B. PVC
- C. black paint
- D. polystyrene



14. Soda water contains

A. carbonic acid —

B. sulphuric acid —

C. carbon dioxide —

D. nitrous acid —



15. Sodium metal is kept under

- A. petrol —
- B. alcohol —
- C. water —
- D. kerosene —

reactive in nature.

Ans —



16. What is laughing gas?

- A. Nitrous Oxide
- B. Carbon monoxide
- C. Sulphur dioxide
- D. Hydrogen peroxide



electronic component used in computers -

17. The two elements that are frequently used for making transistors are

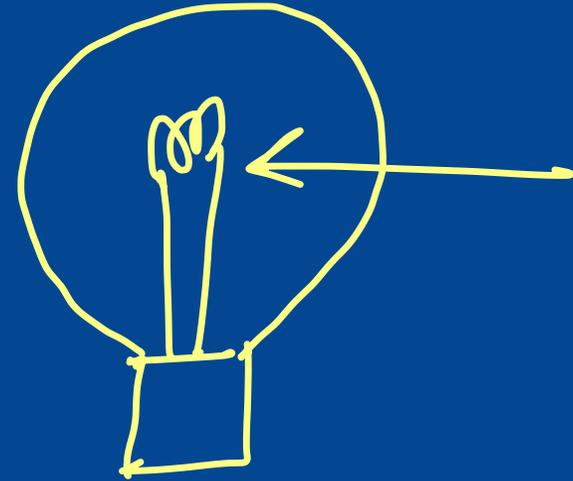
- A. boron and aluminium —
- B. silicon and germanium —**
- C. iridium and tungsten —
- D. niobium and columbium —

electronic
devices



18. The filament of an electric bulb is made of

- A. tungsten →
- B. nichrome →
- C. graphite →
- D. iron →





19. In fireworks, the green flame is produced because of

A. sodium

B. barium ←

C. mercury

D. potassium



20. Marsh gas is

A. nitrogen —

B. ethane —

C. methane —

D. hydrogen —

Marshy lands



21. Production of chlorofluorocarbons (CFC) gas which is proposed to be banned in India, is used in which of the following domestic products?

- A. Television —
- B. Refrigerator —
- C. Tube light —
- D. Cooking gas —



22. Balloons are filled with

A. nitrogen -

B. helium ←

C. oxygen -

D. argon -

light in nature



24. Which of the following metals remain in liquid for under normal conditions?

- A. Radium —
- B. Zinc —
- C. Uranium —
- D. Mercury —



25. Which of the following metals remain in liquid for under normal conditions?

- A. Radium**
- B. Zinc**
- C. Uranium**
- D. Mercury**

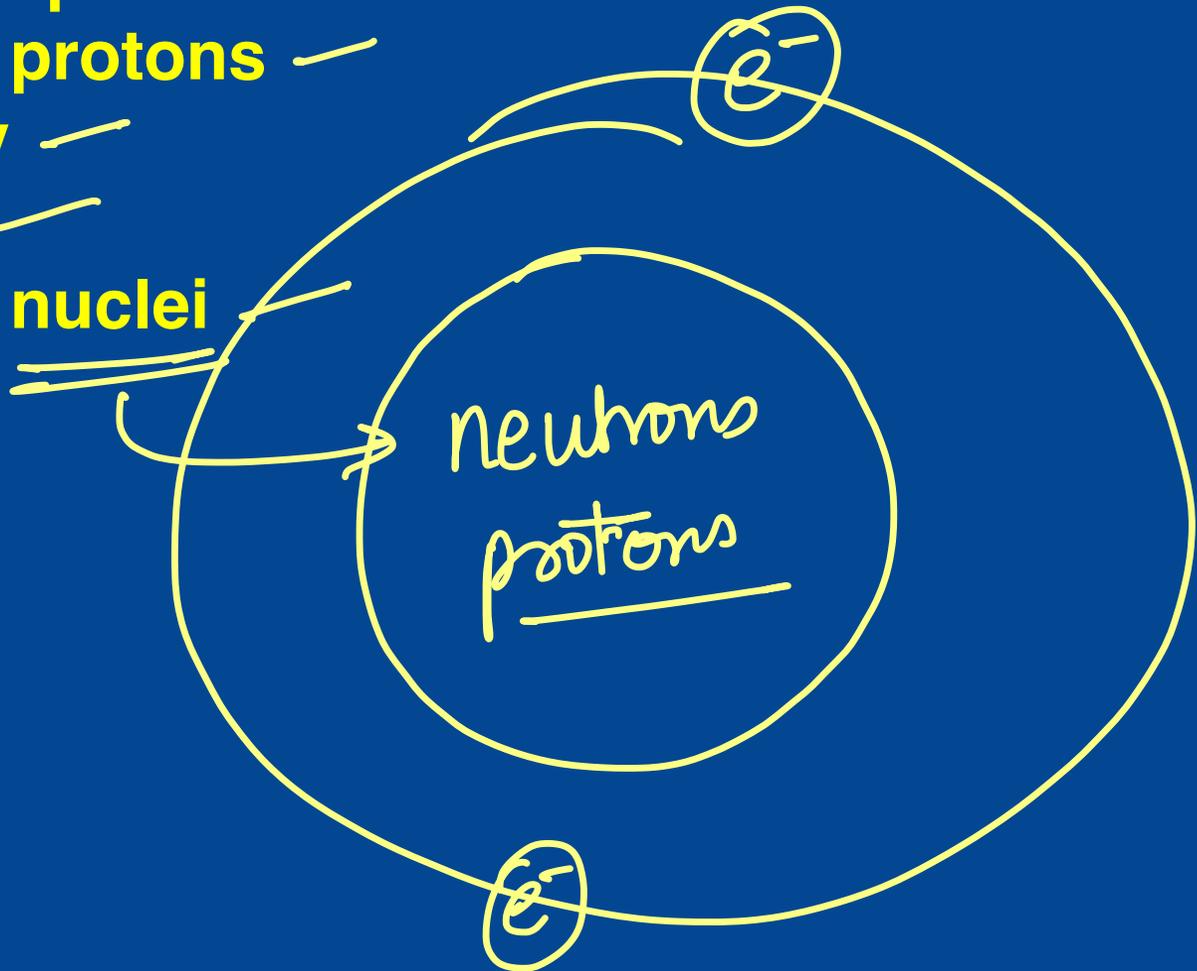
26. Atoms are composed of

A. electrons and protons —

B. electrons only —

C. protons only —

D. electrons and nuclei —





27. The isotope of uranium capable of sustaining chain reaction is

- A. U-235 ✓
- B. U-245
- C. U-239
- D. U-238



28. How many colours the sunlight spectrum has?

- A. Three
- B. Seven
- C. Four
- D. Five



Dispersion



29. What is the chemical name of the common salt used for cooking?

- A. Sodium chloride —
- B. Sodium bichloride —
- C. Sodium carbonate —
- D. Sodium bicarbonate —





30. Epoxy resins are used as

- A. detergents ✓**
- B. insecticides ✓**
- C. adhesives ✓**
- D. moth repellents ✓**



GK & CURRENT AFFAIRS **DAILY BUNDLE** ENROLL NOW



Rs.200 only

15th May



**MAH-CET 2024 FOR
BCA BBA BBM BMS**

DAY - 31

ENGLISH

**ONE WORD
SUBSTITUTION**



**CRASH
COURSE**





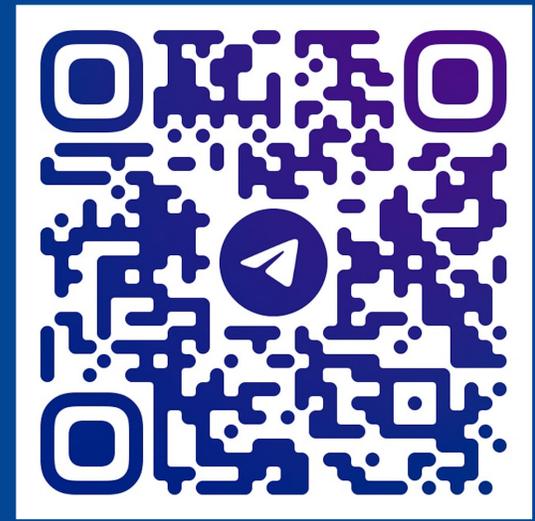
DOWNLOAD TODAY'S LECTURE NOTES & WORKSHEET

JOIN US ON  WHATSAPP

JOIN US ON  TELEGRAM



Subs



FOR MAH-CET 2024 FOR BBA/BMS/BBM/BCA

FOR MAH-CET 2024 FOR BBA/BMS/BBM/BCA



FOR MORE UPDATES
UPDATESTODAY.IN