



# WBCS 2022



## 8 HOURS MARATHON

12 JUNE 2022





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## QUESTION 1

0:30

Milk of Magnesia is used as-

- (A) Laxative
- (B) Painkiller
- (C) Sedative
- (D) Antibiotic



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## QUESTION 2

0:30

What is graphene?

- (A) Allotrope of carbon
- (B) A popular graphics software
- (C) A legendary animal
- (D) An infected wound



## QUESTION 3

0:30

Which are of these is an example of chemical reaction?

- (A) Sublimation
- (B) Crystallization
- (C) Neutralization
- (D) Distillation



## QUESTION 4

0:30

Which of the following is known as quicksilver?

- (A) Titanium
- (B) Mercury
- (C) Platinum
- (D) Radium



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## QUESTION 5

0:30

Which type of waves is used to penetrate hard objects at hospitals and Airports

- (A) Sound waves
- (B) Radiation
- (C) Electromagnetic Rays
- (D) Mechanics



## QUESTION 6

0:30

Spacecraft needs a speed of over \_\_\_\_\_ to escape Earth's gravity.

- (A) 40,000 km/hr.
- (B) 40,270 km/hr.
- (C) 42,326 km/hr.
- (D) 41,721 km/hr



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## QUESTION 7

0:30

If two plane mirrors are kept at an angle of  $120^\circ$  to each other, then how many images will be formed?

- (A) 3
- (B) 4
- (C) 2
- (D) 6





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## QUESTION 8

0:30

Which of the following is not an electrical conductor?

- (A) Porcelain
- (B) Aluminium
- (C) Tungsten
- (D) Nickel



## QUESTION 9

0:30

Infra-red rays are....

- (A) Longitudinal waves
- (B) Transverse waves
- (C) Mechanical waves
- (D) Electromagnetic waves



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## QUESTION 10

0:30

Which of the following is true?

- (A) Image formed at retina is inverted
- (B) Image formed at retina is twice of original image
- (C) Image formed at retina is similar or Original Image
- (D) Image formed at retina is small



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## QUESTION 11

0:30

Which of the following statements is wrong about Sir CV Raman?

- (A) He was honoured with Bharat Ratna in 1954
- (B) He won Nobel Prize in 1930
- (C) He was born in Tamil Nadu in 1888
- (D) He was knighted in 1987



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## QUESTION 12

0:30

Astronomical leap year measures in-

- (A) Leap Year
- (B) Light year
- (C) Mega Kilometer
- (D) Nautical Mile



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## QUESTION 13

0:30

Pressure is measured in terms of

- (A) Mass and Density
- (B) Work done
- (C) Force and Area
- (D) Force and Distance



## QUESTION 14

0:30

Optical Character Reader is an example of which type of device?

- (A) Output device
- (B) Input device
- (C) Interface device
- (D) Storage device



## QUESTION 15

0:30

Which of the following is associated with creation of stone in kidney?

- (A) Calcium oxalate
- (B) Magnesium oxide
- (C) Sodium bicarbonate
- (D) Magnesium citrate





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## QUESTION 16

0:30

Approximately how many taste buds are present in human tongue.

- (A) 2000 to 8000
- (B) 50000 to 100000
- (C) 1 Million to 10 Million
- (D) More than 10 Million



## QUESTION 17

0:30

Involuntary muscles in a human body are present in

- (A) Limbs
- (B) Hand
- (C) Heart
- (D) Tongue



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## QUESTION 18

0:30

Which of the following is known as laughing gas?

- (A)  $N_2O$
- (B)  $CO_2$
- (C)  $H_2O$
- (D)  $SO_2$



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## QUESTION 19

0:30

Which of the following changes into liquid at room temperature

- (A) Caesium
- (B) Bromine
- (C) Chlorine
- (D) Gallium



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## QUESTION 20

0:30

Haematite is an ore of

- A. Aluminium
- B. Iron
- C. Zinc
- D. Mercury



## QUESTION 21

0:30

Blood clotting is because of

- A. Fibrin
- B. Thrombin
- C. Thromboplastin
- D. All of above



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## QUESTION 22

0:30

According to Arrhenius NaOH is a base because :

- A. It has a sour taste
- B. It can neutralize acid
- C. It turns red litmus paper blue
- D. It gives  $\text{OH}^-$  ions in water



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## QUESTION 23

0:30

The image formed in a compound microscope is\_\_\_\_\_

- A. erect
- B. inverted
- C. sometimes erect, sometimes inverted
- D. none





## QUESTION 24

The elimination of toxic nitrogenous waste and excess water in man is by

- A. Excretion
- B. Circulation
- C. Reproduction
- D. Pollution



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## QUESTION 25

0:30

The lens used in a simple microscope is\_\_\_\_\_

- A. Concave
- B. Convex
- C. Cylindrical
- D. None



## QUESTION 26

0:30

The S. I. unit of refractive index is

- A. meter
- B. cm
- C. watt
- D. no unit



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## QUESTION 27

0:30

The liquid metal is

- A. Bismuth
- B. Magnesium
- C. Mercury
- D. Sodium



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## QUESTION 28

0:30

Which colour of light is deviated least

- A. Red
- B. Blue
- C. Violet
- D. Green



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## QUESTION 29

0:30

Acid present in gastric juice is

- A. Hydrochloric Acid
- B. Citric Acid
- C. Sulphuric Acid
- D. Acetic Acid



## QUESTION 30

0:30

The filament of a light bulb is made up of

- a) Platinum
- b) Tantalum
- c) Tungsten
- d) Antimony...

