

# STEMs World International GK Olympiad 2021-22

Class 7

1. Who among the following is the new chairman of the Central Board of Secondary Education (CBSE)?

- A) Vineet Joshi
- B) Rajesh Kumar Chaturvedi
- C) Basu Kumar
- D) None of these

( B )

2. Jupiter has many moons. The four largest moons namely Io, Europa, Ganymede and Callisto were first observed by which of the following astronomer?

- A) Galileo Galilei
- B) E. E. Barnard
- C) P.J. Melotte
- D) C.D. Perrine

( A )

3. In the study of black holes, what do you call a star that is produced by a supernova?

- A) Plutonic star
- B) Neutron star
- C) Falling star
- D) Shooting star

(B)

4. The appearance of which of the following constellations in the east from Northern hemisphere is the first sign of spring?

- A) Sagittarius
- B) Leo
- C) Pegasus
- D) Scorpio

(B)

5. Wasp sting is \_\_\_\_\_ in nature and remedy for this is a/an \_\_\_\_\_.

- A) Acidic, alkali
- B) Neutral, alkali
- C) Alkaline, base
- D) Alkaline, acid

(D)

6. This Bollywood film is the longest running film in a theatre in India. Name it.

- A) Sholay
- B) Mughal-e-Azam
- C) Raja Hindustani
- D) Dilwale Dulhania Le Jayenge

(D)

7. Which of the following is an example of exothermic reaction?

- A) Dissolving ammonium nitrate in water
- B) Burning of magnesium ribbon
- C) Addition of water to quicklime
- D) Both [b] and [c]

(D)

8. Most "space junk" moving very fast is circling the earth. They are pieces from spacecraft and can reach speeds of 4.3 to 5 miles per second. What are these "space Junks" called?

- A) Orbit debris
- B) Orbital debris
- C) Debris of spacecraft
- D) Both (a) and (c)

(B)

9. Robonaut, a NASA's robot designed to be humanoid is called a dexterous robot because

- A) It can walk like a human
- B) Its hands and fingers move like humans
- C) It can think like a person
- D) It can eat like a person.

(B)

10. He is the first American to orbit earth and also the oldest person to fly in space. He was one of the members of "Mercury Seven", the seven men who fly on the Mercury spacecraft. Name him.

- A) Ed White
- B) Alexei Leonov
- C) Alan Shepard
- D) John Glenn

(D)

11. An instrument used to measure blood pressure is called

- A) Barometer
- B) Stethoscope
- C) Sphygmomanometer
- D) Otoscope

(C)

12. The Nobel Prize in Chemistry, 2015 was awarded to \_\_\_\_\_ for "mechanistic studies of DNA repair".

- A) Tomas Lindahl
- B) Paul L. Modrich
- C) Aziz Sancar
- D) All of these

(D)

13. According to the recent studies, a natural disaster in 2010 had completely shut down the Amazon Basin's carbon sink by killing trees and slowing their growth. This results in decrease in carbon absorption by Amazon forests. Name the disaster.

- A) Forest fire
- B) Flood

- C) Drought
- D) None of these

(C)

14. Dugong is a key faunal species of which of the following biosphere reserves?

- A) Sunderbans
- B) Gulf of Mannar
- C) Nokrek
- D) Dihang-Dibang

(B)

15. A waste management technique that involves the use of organisms to remove or neutralize pollutants from a contaminated site is known as.

- A) Biomagnification
- B) Bioremediation
- C) Waste degradation

(B)

16. Which of the following is the only revolving restaurant situated in Delhi?

- A) Hotel Patang
- B) Parikrama
- C) Kandeel
- D) Falak

(B)

17. The dessert dish Doodhpak originated from which Indian state?

- A) Bihar
- B) Kerala
- C) Sikkim
- D) Gujarat

(D)

18. 'Koffee with Karan' is a celebrity talk show on Star World India, hosted by Bollywood producer and director Karan Johar. How many seasons of this talk show have been aired till 2014?

- A) 5
- B) 4
- C) 3
- D) 6

(B)

19. What does the idiom 'hit below the belt' mean?

- A) To quarrel all the time
- B) To say something that is often too personal, usually irrelevant, and always unfair
- C) To play a subordinate role
- D) To lament over something that cannot be changed

(B)

20. In the classic novel. Alice in Wonderland which character sings the song 'Soup in the evening, beautiful soup'?

A) The Cheshire Cat

B) The Duchess

C) The Mad Hatter

(D)

