

STEMs World International GK Olympiad 2021-22

Class 9

1. Fossil fuels are no longer the preferred sources of energy. The Sun provides energy in many ways, directly and indirectly which can be harnessed. Which of these is a form of energy that is not solar in origin?

- A) Tidal
- B) Wind
- C) Deep Geothermal
- D) Hydroelectric

(C)

2. Abuja is the capital city of _____.

- A) Nigeria
- B) Mali
- C) Chad
- D) Morocco

(A)

3. Which city is hosting the 2017 National Children's Film Festival (NCFF)?

- A) Visakhapatnam
- B) Mumbai
- C) Jaipur
- D) Bhopal

(A)

4. What do Sombrero, Chihuahua, Acapulco and Taco have in common?

- A) They are American Indian tribes.
- B) They are all associated with Mexico.
- C) They are all types of hats.
- D) They have nothing in common.

(B)

5. Which state was known as Indrakil, The Garden of Indra, in ancient Hindu religious texts?

- A) Manipur
- B) Sikkim
- C) Kerala
- D) Jharkhand

(B)

6. Which of the following is not a healthy sleeping habits?

- A) Going to bed late
- B) Reading books or magazines while lying down
- C) Not thinking of problems or studies
- D) None of these

(A)

7. Speed and velocity are often wrongly used interchangeably. What is the one factor that differentiates velocity from speed?

- A) Time
- B) Distance
- C) Direction
- D) All of these

(C)

8. This National Park is home to the elusive and endangered snow leopard as well as shapu, bharal and the Ibex among others. It is also India's largest national park. Name it.

- A) Kaziranga National Park, Assam
- B) Jim Corbett National Park, Uttarakhand
- C) Hemis National Park, Jammu and Kashmir
- D) Gir National Park, Gujarat

(C)

9. The ratio of the incomes of A and B is 5 : 4 and the ratio of their expenditures is

3 : 2. If at the end of the year, each saves Rs. 1600, then the income of A is:

- A) Rs. 3400
- B) Rs. 3600
- C) Rs. 4000
- D) Rs. 4400

(D)

10. Which country has officially recognized Bit coin and digital currencies as legal money?

- A) China
- B) Australia
- C) Japan
- D) None of these

(C)

11. Neglecting the rotation of earth, if suddenly the attractive power of the earth drops to zero, a man standing on the earth will

- A) Fly up
- B) Slide along the surface
- C) Move out tangentially
- D) Stand unaffected.

(C)

12. Which Indian Institute of Technology has signed MoU with Indian Army to

strengthen critical technological areas in the armed forces?

- A) IIT Delhi
- B) IIT Madras
- C) IIT Bombay
- D) IIT Roorkee

(B)

13. Noble gases or inert gases are so named because they are highly unreactive and do not form compounds under normal conditions. Which of these is not an inert gas?

- A) Xenon
- B) Radon
- C) Oganesson
- D) Zirconium

(D)

14. Leh in Ladakh is at a higher altitude than Delhi in the plains. Which of the following statements is true about boiling water in Leh as compared to boiling it in Delhi?

- A) Water boils at a lower temperature in Leh
- B) Water boils at a higher temperature in Delhi
- C) Both A and B.
- D) Water boils at a higher temperature in Leh

(C)

15. After a five-year journey to Jupiter, NASA's solar-powered space craft made a

safe landing on the surface of the giant planet on July 5, 2016. What is the name of the mission?

- A) Zeus
- B) Magnus
- C) Juno
- D) Hera

(C)

16. The city of Nimes in France gives its name to this popular fabric which is said to have been produced here first. Name the fabric.

- A) Gabardine
- B) Tulle
- C) Denim
- D) Damask

(C)

17. In 1972, this legislation established schedules for protecting plant and animal species in India. Hunting or harvesting of these species was largely outlawed. Identify it.

- A) The Forest Conservation Act
- B) The Wildlife Protection Act
- C) The Environment Protection Act
- D) The Kyoto Protocol

(B)

18. Which of the following Indian Institutes of Technology (IIT) is going to set up India's first school on Quality and Reliability (Q and R)?

- A) IIT New Delhi

- B) IIT Kharagpur
- C) IIT Bombay
- D) IIT Roorkee

(B)

19. The World Wildlife Fund (WWF) is one of the largest conservation organizations in the world. It seeks to conserve biodiversity and build a future where humans live in harmony with the environment. Which of the following animals is the symbol of WWF?

- A) Dodo
- B) Giant Panda
- C) Bison
- D) Bengal tiger

(B)

20. This seven layered pudding is a delicacy in Goa, Portugal and other former Portuguese colonies all over the world. Name it.

- A) Xacuti
- B) Peach Melba
- C) Vindaloo
- D) Bebinca

(D)