

5 CLASS



GCS OLYMPIADS
Olympiads of the New Millennium
An ISO 9001:2015 Certified Organization

Duration : 60 Min.

Total Ques. : 50

Paper Type : S 1

GLOBAL SCIENCE OLYMPIAD (GSO)

- 1- The Actual Question Paper Contains 50 Questions. Section A Contains 45 Ques. and Section B Contains 5 Ques. (Reasoning & Mental Ability) . Each questions carry an equal marks of 2 .
- 2- The Duration of the Test Paper is 60 Minutes.
- 3- OMR answer sheets are there for class 3rd to 12th.

Section - A

1. Select the odd one out on the basis of the body covering.

- (A)  (B) 
- (C)  (D) 
- (E) None of these

2. Select the animal pair who have similar breathing mechanisms.

- (A) Bat : Fish
(B) Turtle : Lizard
(C) Butterfly : Mouse
(D) Earthworm : Cockroach
(E) None of these

3. In case of heat stroke, what should be done immediately ?

- (A) Cover the patient with any cloth, preferably with woollen cloth.
(B) Give the patient a solution of salt, sugar and lime or preferably juice of an unripe mango.
(C) Make the patient lie down in a sunny place.
(D) Give hot tea or coffee to the patient.
(E) None of these

4. We should exercise yoga daily, because it

- (A) Strengthens our muscles
(B) Increases our stamina
(C) Improve our concentration
(D) All of these
(E) None of these

5. Select the plant pair that shows similar mode of vegetative reproduction.

- (A) Radish, Potato (B) Coconut, Mango
(C) Rose, Dahila (D) Carrot, Turnip
(E) None of these

6. Sleeping under the trees at night is harmful but not during day time - why ?

- (A) Tree gives out harmful gasses at night
(B) Tree may not fall
(C) During day time they liberate O₂ and during night CO₂
(D) During night time they liberate carbon-dioxide
(E) None of these

7. ----- in soil is the fertile component.

- (A) Gravel (B) Humus
(C) Moisture (D) Air
(E) None of these

8. Fossil fuels formed over a long period of time when heat and pressure were applied to

- (A) Nitrogen mixed in a water
(B) Organisms buried in the ground

- (C) Carbon filtered through limestone
- (D) Bacteria on top of the mud
- (E) None of these.

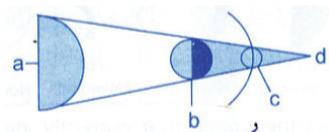
9. Select the incorrect statement regarding water pollution.

- (A) Suspended impurities make water less transparent causing death of submerged aquatic plants.
- (B) Polluted water can cause diseases like typhoid, cholera and diabetes.
- (C) Pollution decreases dissolved oxygen content in water.
- (D) Agricultural runoff pollutes water by adding pesticides and fertilisers into it.
- (E) None of these

10. Select the incorrect statement from the following .

- (A) Milky way is the only spiral shaped galaxy in the Universe.
- (B) Planet Venus is the hottest planet of our solar system.
- (C) Satellites like Moon are small heavenly bodies that revolve around a star.
- (D) A solar year consists of 363 days.
- (E) None of these

11. Look at the given figure. It shows a lunar eclipse. Where is the Earth in it ?

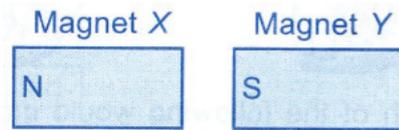


- (A) a
- (B) b
- (C) c
- (D) d
- (E) None of these

12. Which of the following statements is incorrect ?

- (A) Linen is obtained from plants and absorb well.
- (B) Plastic conducts electricity very well.
- (C) Evaporation is faster when the surface area is larger.
- (D) Copper vessels lose their shine over time due to action of air and moisture on them.
- (E) None of these

13. The magnets shown here will



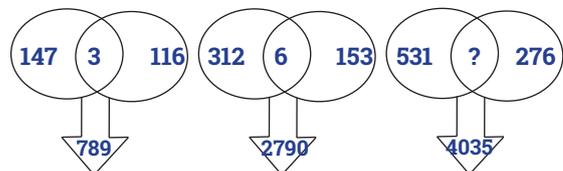
- (A) Attract each other
- (B) Repel each other
- (C) Pull each other
- (D) Cannot say.
- (E) None of these

14. Of the following, the only metal that is produced directly from its ore by an electrical process is:

- (A) Aluminium
- (B) Copper
- (C) Zirconium
- (D) Steel
- (E) None of these

Section - B (Logical Reasoning)

16. What is the missing number in pattern below?



- (A) 5
- (B) 3
- (C) 4
- (D) 6
- (E) None of these

17. Ramesh starts moving towards South from his house P. He walks some distance and then turns his left. Which direction is he looking now?

- (A) East
- (B) West
- (C) North
- (D) South
- (E) None of these