**CK PUBLIC SCHOOL**

**HALF YEARLY EXAMINATION (2022-23)**

**CLASS – 8th**

**SUBJECT – Science**

**Time:- 2:30 Hrs. M.M. 100**

***Student’s Name* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ *Roll no.* \_\_\_\_\_\_\_\_\_\_\_**

**A . TICK THE CORRECT ANSWER 10**

1. Internal fertilization occurs :

[a] in female body [b] outside female body [c] in male body

1. Reproductive age in women starts when their:

[a] menstruation starts [b] height increases [c] body weight increases

1. Which of the following can be beaten into thin sheets:

[a] zinc [b] sulphur [c] oxygen

1. A tadpole develops into an adult frog by the process of:

[a] fertilization [b] metamorphosis [c] embedding

1. The process of conversion of sugar into alcohol is called:

[a] moulding [b] fermentation [c] infection

1. Yeast is used in the production of:

[a] sugar [b] alcohol [c] oxygen

1. The following is an antibiotic:

[a] Streptomycin [b] alcohol [c] yeast

1. The right meal for adolescent consists of:

[a] chips , noodles , coke [b] chapatti , dal , vegetables [c] rice , noodles , burger

1. Carrier of malaria – causing protozoan is:

[a] female Anopheles mosquito [b] cockroach [c] housefly

1. The number of nuclei present in a zygote is:

[a] none [b] one [c] two

**B . FILL IN THE BLANKS 10**

1. Least polluting fuel for vehicle is \_\_\_\_\_\_\_\_\_\_\_
2. A liquid fuel used in homes is \_\_\_\_\_\_\_\_\_\_\_\_
3. Iron is \_\_\_\_\_\_\_ reactive than copper.
4. Fossil fuels are \_\_\_\_\_\_ and \_\_\_\_\_\_\_
5. Alcohol is produced with the help of \_\_\_\_\_\_\_\_\_\_\_
6. Burning of wood and coal causes \_\_\_\_\_\_\_\_\_\_ of air.
7. Damaged seeds would \_\_\_\_\_\_\_ on the top of water.
8. Synthetic fibres are also called \_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_ fibres.
9. Fire produced by oil cannot be controlled by \_\_\_\_\_\_\_\_\_\_\_
10. Cholera is caused by \_\_\_\_\_\_\_\_\_\_\_ .

**C . MATCH THE FOLLOWING 5**

**A B**

1. Gold A. fabrics do not wrinkle easily
2. Polyester B. prepared by using wood pulp
3. Iron C. jwellery
4. Rayon D. fuel
5. Carbon E. machinery

**D . TRUE AND FALSE 10**

1. Each sperm is a single cell.
2. Amoeba reproduces by budding.
3. Kerosene is not a fuel.
4. Amoeba has irregular shape.
5. Coke is almost pure form of carbon.
6. A zygote is formed as a result of fertilization.
7. CNG is more polluting fuel than petrol.
8. An embryo is made up of a single cell.
9. Coal tar is a mixture of various substances.
10. Muscle cells are branched.

**E . WRITE THE NAME OF THE HORMONES SECRETED FROM 5**

1. Pancreas 2. Ovary 3. Pituitary gland 4. Adrenal gland 5. Thyroid gland

**E . ANSWER THE FOLLOWING QUESTIONS IN ONE WORD 5**

1. In which female reproductive organ does the embryo get embedded?
2. Formula of calorific value.
3. Which part of the cell contains organelles?
4. Name the petroleum product used for surfacing of roads.
5. SI unit of calorific value.

**F . ANSWER THE FOLLOWING QUESTIONS IN VERY SHORT. (Any 6) 12**

1. What is Red Data Book?
2. What is the term used for chemical secretions of endocrine glands responsible for changes taking place in the body?
3. What is carbonisation?
4. Give two differences between a zygote and a foetus.
5. What are sex hormones?
6. Explain why chloroplasts are found in plant cell?
7. List conditions under which combustion takes place?

**F . ANSWER THE FOLLOWING QUESTIONS IN SHORT. (Any 6) 18**

1. What are the advantages of using CNG and LPG as fuels?
2. Can the process of rusting be called combustion?
3. What do you understand by the term migration?
4. Define asexual reproduction.
5. Prepare a list of ways by which you can save paper?
6. What is menstruation?
7. Explain why fossil fuels are exhaustible natural resources?

**F . ANSWER THE FOLLOWING QUESTIONS IN LONG. (Any 4) 20**

1. Describe the characteristics and uses of coke.
2. What are the causes and consequences of deforestation?
3. State difference between plant cell and animal cell.
4. List the changes in the body that take place at puberty.
5. “Cells are basic structural units of living organisms.” Explain.

**G . DRAW A LABELED DIAGRAM 5**

Different zones of candle flame OR Human nerve cell