

**Set 2**  
**SAINIK SCHOOL BIJAPUR**  
**PERIODIC TEST-3**

Date: 24/01/2022  
Class VIII ABC

Subject: Science

Time: 1 ½ hour  
Marks : 50

**Instructions**

1. Write Name, Roll Number, House and Class/ section, Phone number and email address on the top of your answer sheet **and on every page**.
2. Draw diagram wherever necessary.
3. Ensure that you capture top view of your answer sheet and convert them in to single pdf file.
4. Please name rename your pdf file **as "Class-section-roll number" (eg: 8c5565)**
5. Mention your filename **as subject** in your email **(eg: 8c5565)**. This will help us to segregate your answer scripts as per class/section/roll number.
6. Send your softcopy (single pdf file) to below mentioned email immediately after examination.

**II. Choose the correct (14 Marks)**

Q.1. In human beings, after fertilisation, the structure which gets embedded in the wall of uterus is

- (a) Ovum      (b) Embryo      (c) Foetus      (d) Zygote

Q.2. Aquatic animals in which fertilisation occurs in water are said to be

- (a) Viviparous without fertilisation.  
(b) Oviparous with external fertilisation.  
(c) Viviparous with internal fertilisation.  
(d) Oviparous with internal fertilisation.

Q.3. After fertilisation, the resulting cell which gives rise to a new individual is the :

- (a) Embryo    (b) Ovum      (c) Foetus      (d) Zygote

Q.4. In human beings, the correct sequence of events during reproduction is

- (a) Gamete formation, fertilisation, zygote, embryo  
(b) Embryo, zygote, fertilisation, gamete formation  
(c) Fertilisation, gamete formation, embryo, zygote  
(d) Gamete formation, fertilisation, embryo, Zygote

Q.5. Structure present in a cell which is responsible for determination of the sex of a baby is

- (a) Cytoplasm      (b) Cell membrane  
(c) Nucleus      (d) Chromosome

Q.6. The right meal for adolescents consists of :

- (a) Chips, noodles etc  
(b) Chapati, dal, vegetables  
(c) Rice, noodles, burger  
(d) Vegetable cutlet, puri, cold drink.

Q.7. Reproductive age in women starts when :

- (a) Menstruation starts
- (b) Breasts start developing
- (c) Body weight increases
- (d) All of the above

Q.8. Protruding part of the throat in a boy is called :

- (a) Voice box
- (b) Larynx
- (c) Adam's Apple
- (d) All of these

Q.9. The earth's plate responsible for causing earthquakes is :

- (a) The crust of the earth
- (b) The mantle of the earth
- (c) The inner core of the earth
- (d) The outer core of the earth

Q.10. Consider the list of terms given below :

- (i) Seismic Zone
- (iii) Mantle
- (ii) Fault Zone
- (iv) Inner Core

The boundaries of the earth's plate are known as

- (a) (i) & (ii)
- (b) (iii) & (iv)
- (c) (i) & (iii)
- (d) (ii), (iii) & (iv)

Q.11. The outermost layer of earth is called :

- (a) Mantle
- (b) Outer core
- (c) Crust
- (d) Inner core

Q.12. Major earthquakes are less likely to occur in :

- (a) North East India
- (b) Rajasthan
- (c) Rann of Kutch
- (d) Orissa

Q.13. Consider the list of terms given below :

- (i) Tsunami
- (iii) Floods
- (ii) Landslide
- (iv) Lightning

Earthquakes can cause :

- (a) (i), (ii) & (iii)
- (b) (ii) & (iv)
- (c) (ii), (iii) & (iv)
- (d) (iii) & (iv)

Q.14. Reproductive phase in females is from the age of :

- (a) 10-12 years to 45-50 years
- (b) 18-21 years to 30-35 years
- (c) 21-23 years to 40-45 years
- (d) 25-30 years to 40-45 years.

II. Write true or false ( 6 Marks)

1. Bathing outdoors should be avoided during thunderstorm.
2. Like charges attract each other.
3. A charged glass rod attracts a charged plastic rod.
4. Diabetes is caused by imbalance of insulin.

5. Males have XX chromosomes whereas females have XY chromosomes.  
6. Females are responsible for the sex determination of a child.

II. Match any five of Column A with Column B ( 5 Marks)

Column A	Column B
1. Adrenaline	(i) Diabetes
2. Balance of diet	(ii) Master Gland
3. Estrogen	(iii) Adjust stress
4. Insulin	(iv) Marked changes during adolescence
5. Pituitary gland	(v) X and Y
6. Puberty	(vi) Female hormone
7. Target site	(vii) During adolescence
8. Sex chromosomes	(viii) Particular body part or cell

III. Answer the following (7 x 3=21)

- Q.1. Give two differences between a zygote and a foetus.  
Q.2. What is metamorphosis? Name some animals that undergo metamorphosis.  
Q.3. What is earthing? What is its importance?  
Q.4. What is the importance of reproduction?  
Q.5. What is an earthquake? What is its cause?  
Q.6. Write three ways through which AIDS is transmitted.

IV. Draw the labelled diagram of male reproductive system. ( 4 Marks)

**Note: Send your answer sheet in a single pdf file to [naikmunew1@gmail.com](mailto:naikmunew1@gmail.com)**