

# Baroda High School, ONGC-Primary Section

## Term II Assignment (2023-24)

### Sub: Science



Std: - VIII

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- The worksheet has been made according to the Term I syllabus.
  - It is a blueprint example of types of questions that can be asked during the exams.
  - Students have to attempt all the questions.
  - It is just revision and does not have relevance to the actual paper, so thoroughly read all the chapters and prepare accordingly.

**Q:1 (A) Choose the correct alternative from those given below each question:**

- 1) Which of the following substances does not burn with a flame?  
a) Camphor                      b) LPG                              c) Coke                              d) Kerosene
- 2) What is the colour of outermost zone of the candle flame?  
a) Blue                              b) Yellow                              c) Black                              d) Red
- 3) What is the part of the earth in which living organisms exist or which support life called?  
a) Biosphere                      b) Lithosphere                      c) Hydrosphere                      d) Atmosphere
- 4) Which species are recorded in Red Data Book?  
a) Endangered                      b) Local                              c) Extinct                              d) Wild
- 5) What is the aim of Project Tiger launches by the Government of India?  
a) To protect human population from tiger.  
b) To protect domestic animals from tiger.  
c) To ensure the survival and maintenance of tiger population.  
d) To prevent increase in tiger population.
- 6) A tadpole develops into an adult frog by the process of \_\_\_\_\_  
a) Fertilisation                      b) Metamorphosis                      c) Embedding                      d) Budding
- 7) In which type of reproduction is zygote formed?  
a) Asexual                              b) Sexual                              c) Cloning                              d) Budding
- 8) Reproductive age in women starts when their \_\_\_\_\_  
a) Menstruation starts                      c) breasts start developing  
b) Body weight increases                      d) body height increases
- 9) Which group of age is covered by adolescence?  
a) 4 to 8 years                      b) 9 to 15 years                      c) 11 to 18 years                      d) 21 to 28 years
- 10) Which disease is caused by the infection of HIV?  
a) AIDS                              b) SARS                              c) Goitre                              d) Diabetes

**Q: 1 (B) Fill in the blanks:**

- 1) \_\_\_\_\_ pair of sex chromosomes occur in human beings.
- 2) In women, menopause may occur at \_\_\_\_\_ years of age.
- 3) The sperms are produced in \_\_\_\_\_ of man.
- 4) Babies born through IVF technique are called \_\_\_\_\_ babies.
- 5) A place where animals are protected in their natural habitat is called \_\_\_\_\_
- 6) Species found only in a particular area are known as \_\_\_\_\_
- 7) Carbon dioxide traps the \_\_\_\_\_ reflected by the earth.
- 8) The lowest temperature at which a substance catches fire is called \_\_\_\_\_ temperature.
- 9) The type of combustion in which any substance starts to burn when exposed is called \_\_\_\_\_ combustion.
- 10) At the top of matches a chemical \_\_\_\_\_ is used as an oxidising agent.

**Q: 2 (A) Answer the following questions in one word:**

- 1) What is the fire in the forest called?
- 2) With what a person should be covered whose clothes catch fire?
- 3) Of which state is Panchmarhi Biosphere Reserve an identity?
- 4) What are the birds that fly to faraway areas because of climatic change called?
- 5) In the wall of which organ, does the human embryo get embedded for development?
- 6) From which female sheep did Wilmut collect an egg for cloning?
- 7) Whose eggs are soft and hold with a layer of jelly?
- 8) From where does the hormone get secreted to control the production of sex hormones?
- 9) Which gland secret insulin hormone?
- 10) What is the thickened lining of the uterus along with blood vessels being shed off called?

**Q: 2 (B) State whether the given statements are True or False:**

- 1) Acne and pimples are seen on the face during puberty because of the increased activity of the pituitary gland and adrenal gland.
- 2) The sex determination of a baby is determined at the time of birth.
- 3) Each sperm is a single cell.
- 4) Both nucleus and cytoplasm divide during binary fission in amoeba.
- 5) Both ovaries release one matured egg in a woman every month.
- 6) Survival of some animals, has become difficult because of disturbances in their natural habitat.
- 7) To make 1 ton of paper 5 to 7 fully grown trees are cut.
- 8) Natural causes of deforestation are heavy rain and severe droughts.

- 9) The fuel is only in liquid state.
- 10) Water is used to extinguish fire in electrical equipment.

**Q: 3 (A) Match the following Columns:**

Column A	Column B
1) Wood	a) Gaseous fuel
2) Iron nail	b) Solid fuel
3) LPG	c) Liquid fuel
4) Petrol	d) Non-Combustible

Column A	Column B
1) Sperm	a) One every month
2) Ovum	b) In vitro fertilisation
3) Zygote	c) Millions in number
4) Test tube baby	d) Beginning of new individual.

**Q: 3 (B) Answer the following questions in one sentence:**

- 1) State the main modes of reproduction.
- 2) How is the zygote formed?
- 3) Mention the types of fertilisation.
- 4) Which organ is known as Adam's Apple?
- 5) Why does sometimes voice become hoarse in adolescent boys?
- 6) What is hormone?
- 7) What is the Red Data Book?
- 8) What are sanctuaries?
- 9) Give two examples of inflammable substances.
- 10) What are combustible substances?

**Q: 4(A) Answer the following questions in short:**

- 1) State the conditions under which combustion can take place.
- 2) What should be done to control fire?
- 3) What are the causes and consequences of deforestation?
- 4) How should we protect our wildlife?
- 5) Explain the importance of reproduction in organisms.
- 6) What is metamorphosis? Give examples.
- 7) What is menstruation? Explain.
- 8) State four physical changes seen in boys during puberty.

**Q: 4(B) Answer the following questions in brief:**

- 1) What is acid rain? State its effects.
- 2) What is an ideal fuel? What kind of ideal fuel should it be?
- 3) State the effects of deforestation on the soil.
- 4) Which animals are much more in danger of becoming extinct? Why should we save them?
- 5) How is AIDS spread?

**Q: 4(C) Write two points of difference:**

- 1) Male Sex Hormone and Female Sex Hormone
- 2) Zygote and Foetus
- 3) Asexual Reproduction and Sexual Reproduction
- 4) Sperm and Ovum
- 5) Wildlife Sanctuary and Biosphere Sanctuary
- 6) Endangered Species and Extinct Species
- 7) LPG and Wood

**Q: 5 Draw the Labelled diagram:**

- 1) A Candle Flame
- 2) Female Reproductive System
- 3) Male Reproductive System

