

**LITTLE ROSE ACADEMY
WORK SHEET**

Class: VIII

Subject: Science

Chapter: Reproduction in Animals

Q.1. Multiple Choice Questions:

a) Internal fertilisation occurs:

- (i) in female body
- (ii) outside female body
- (iii) in male body
- (iv) outside male body

b) A tadpole develops into an adult frog by the process of:

- (i) fertilisation
- (ii) metamorphosis
- (iii) embedding
- (iv) budding

c) The number of nuclei present in a zygote is:

- (i) none
- (ii) one
- (iii) two
- (iv) four

d) Egg producing animals such as birds are called:

- (i) viviparous
- (ii) oviparous
- (iii) hermaphrodite
- (iv) unisexual

e) Asexual reproduction takes place through budding in_____.

- (i) amoeba
- (ii) human
- (iii) hydra
- (iv) cat

LITTLE ROSE ACADEMY

CLASS 8 SCIENCE

Q.2. Write True or False against each statement:

- a) Oviparous animals give birth to young ones.
- b) Each sperm is a single cell.
- c) External fertilisation takes place in frog.
- d) Binary fission is a method of asexual reproduction.
- e) An embryo is made up of a single cell.

Q.3. Fill in the blanks:

- a) The process of _____ ensure continuity of life.
- b) _____ are unisexual.
- c) The animals that produce only one kind of gametes are known as _____.
- d) The cells involved in the sexual reproduction are called _____.
- e) The fusion product of sperm and ovum is known as _____.

Q.4. Answer in one word:

- a) What is a fertilised egg called?
- b) Which mode of reproduction takes place in human beings?
- c) How many parents are involved in sexual reproduction?
- d) Which organ produces eggs or ovum?
- e) In which organ fertilisation take place in a female?

Q.5. Answer the following Questions:

- a) How does Hydra reproduce?
- b) How does placenta help the foetus?
- c) How is an embryo developed?
- d) How is zygote formed in humans? Where is it formed?
- e) Describe the male reproductive organs with the help of a labelled diagram.

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SUMMER ASSESSMENTS

CLASS-8TH

SUBJECT-MATH

CHAPTER-ALGEBRAIC EXPRESSION

Q1. Identify the terms, their coefficients for each of the following expressions.

(i) $5xyz^2 - 3zy$

(ii) $1 + x + x^2$

(iii) $4x^2y^2 - 4x^2y^2z^2 + z^2$

+ $(y/2) - xy$

(vi) $0.3a - 0.6ab + 0.5b$

(iv) $3 - pq + qr - p$ (v) $(x/2)$

Q2. Classify the following polynomials as monomials, binomials, trinomials. Which polynomials do not fit in any of these three categories?

$x + y, 1000, x + x^2 + x^3 + x^4, 7 + y + 5x, 2y - 3y^2, 2y - 3y^2 + 4y^3, 5x - 4y + 3xy, 4z - 15z^2, ab + bc + cd + da, pqr, p^2q + pq^2, 2p + 2q$

Q3. DEFINE

- BINOMIAL
- MONOMIAL
- TRINOMIAL
- POLYNOMIAL
-

LITTLE ROSE ACADEMY HIGH SCHOOL

SUMMER ASSESSMENTS

CLASS-8TH

SUBJECT-MATH

CHAPTER-ALGEBRAIC EXPRESSION

Ques1. Add the following.

(i) $ab - bc, bc - ca, ca - ab$

(ii) $a - b + ab, b - c + bc, c - a + ac$


(iii) $2p^2q^2 - 3pq + 4, 5 + 7pq - 3p^2q^2$

(iv) $l^2 + m^2, m^2 + n^2, n^2 + l^2, 2lm + 2mn + 2nl$

Ques2. (a) Subtract $4a - 7ab + 3b + 12$ from $12a - 9ab + 5b - 3$

(b) Subtract $3xy + 5yz - 7zx$ from $5xy - 2yz - 2zx + 10xyz$

क्रिया

1. नीचे दिए गए प्रत्येक वाक्य में क्रिया पर गोला  लगाएँ।

क) जय अपना पसंदीदा गाना सुन रहा है।

ख) विहान बेसबॉल को बाड़ के ऊपर से मारता है।

ग) छोटा कुत्ता घर के बाहर भौंक रहा है।

घ) घर की छत टपक रही है।

ङ) शिकारी हिरण की तलाश करता है।

च) डॉ गुप्ता अपने मरीज की जांच करते हैं।

छ) पेड़ पर नील पक्षी मधुर गाता है।

ज) फुटबॉल टीम लॉकर रूम से बाहर निकल रही है।

Adjective (विशेषण)

(क) दिए गए वाक्यों में से विशेषण शब्दों के नीचे रेखा खींचो-

1. बबुआ बंदर नटखट था।
2. तोता हरे रंग का होता है।
3. यह अंगूर खट्टे हैं।
4. मेरी कक्षा छोटी है।
5. मेरे पास दो किताबें हैं।
6. मेरी गुड़िया सुंदर है।
7. मिर्च लाल और हरे रंग की होती है।

(ख) दिए गए शब्दों में से सही विशेषण चुनकर वाक्य पूरा करो-

अच्छी तीन गरम नीला रंग-विरंगे मीठा

1. यह चाय बहुत _____ है।
2. मोर के पंख _____ होते हैं।
3. सच बोलना _____ आदत है।
4. मेज़ पर _____ कलम रखे हैं।
5. आम एक _____ फल है।
6. आसमान का रंग _____ होता है।

Little Rose Academy High School

Holidays Worksheet

Dialogues writing

Read the conversation between Laila and her mother dialogue and then fill in each blank with ONE word only.

Laila's mother is cooking in the kitchen when Laila arrives home from school.



- Laila : Mom, what are you ?
- Mother : Fried rice!
- Laila : Yummy. I love . How do you cook it?
- Mother : First, heat the cooking oil in a pan. Then, add the garlic, onions and dried shrimp into the oil. Fry over low heat for a minute.
- Laila : Why do you fry them over low ?
- Mother : So that they will not be burnt.
- Laila : What do you do ?
- Mother : Next, add rice and fry it until there is a .
- Laila : Fragrant smell?
- Mother.: : Yes. When there is a fragrant smell add oyster sauce, and egg and a pinch o salt to the rice.
- Laila : Why do you oyster sauce?
- Mother : Oyster sauce will make the fried rice salty.

Little Rose Academy High School

Holidays worksheet

Leave a Message!

Read Peter's message to his mum.



Mum,

I am feeling sick. I am not eating my dinner. I am going to bed. See you tomorrow.

Peter

Ideas to help you.

-How are you feeling?
(tired, sick, happy, etc.)

-what are you doing?
(eating/playing/doing etc.)

-where are you going?
(playground/school/bed etc.)

You are Tom. Write a note to your dad.



LITTLE ROSE ACADEMY

CLASS 8TH SST

MINERAL POWER RESOURCES

WORKSHEET 1

Multiple Choice Questions:

- 1 Which of the following is not a mineral resource
a) Iron ore b) Coal c) Petroleum d) Oxygen

- 2 Which mineral is primarily used in the production of steel?
a) Gold b) Copper c) Bauxite d) Iron ore

- 3 Which type of coal has the highest carbon content and produces the most energy when burned?
a) Anthracite b) Lignite c) Bituminous d) Peat

- 4 Which country is the largest producer of petroleum in the world?
a) Saudi Arabia b) United States c) Russia d) China

- 5 What is the primary use of natural gas?
a) Electricity generation b) Transportation fuel c) Heating and cooking

True or False:

Mineral resources are finite and non-renewable.

True / False

Renewable energy sources include fossil fuels like coal and petroleum.

True / False

Nuclear power is considered a non-conventional source of energy

True / False

Hydroelectric power generation does not have any adverse environmental impacts.

True / False

Solar energy can only be harnessed during the day.

True / False

LITTLE ROSE ACADEMY

CLASS 8TH SST

MINERAL AND POWER RESOURCES

WORKSHEET 2

Fill in the Blanks:

1. The process of extracting metals from their ores is called _____.

- (a) Metallurgy (b) Mining (c) Refining (d) Smelting

2. The largest reserves of coal in the world are found in _____.

- (a) United States (b) China (c) Russia (d) India

3. The primary component of natural gas is _____.

- (a) Carbon dioxide (b) Methane (c) Ethanol (d) Propane

4. The largest producer of electricity from wind power is _____.

- (a) China (b) United States (c) Germany (d) India

5. The process of splitting atoms to release energy is called _____.

- (a) Fission (b) Fusion (c) Combustion (d) Condensation

Part A: Matching

Match the following terms with their definitions.

- | | |
|-------------------------------|--|
| 1. Education and Training - | a. Ensures fair wages and safe working conditions. |
| 2. Employment Opportunities - | b. Provides necessary skills and knowledge. |
| 3. Regulations - | c. Contributes to innovation and productivity. |
| 4. Health Initiatives - | d. Offers jobs to utilize people's skills |