

Name of candidate _____



MDEKA L.E.A SCHOOL EXAMINATION BOARD

2019/2020 MOCK EXAMINATION

PRIMARY SCIENCE

(100 MARKS)


SECTION A: MULTIPLE CHOICE

- What do you call the procedure for analyzing data in an investigation?
 - Interpretation
 - A thing that can change
 - The predicted answer
 - Data analysis
 - Which of the following is the fertilized egg soon after conception?
 - Embryo
 - Zygote
 - Foetus
 - Ovum
 - Which organ in the human digestive system is responsible for keeping undigested materials?
 - Gall bladder
 - Small intestine
 - Rectum
 - Pancreas
 - To which class of animals does a bat belong?
 - Birds
 - Anthrop
 - Mammals
 - Reptiles
 - Which of the following nutrients is responsible for normal function of heart and muscles?
 - Calcium
 - Vitamin D
 - Phosphorus
 - Iron
 - Which of the following is the energy acquired by a moving object?
 - Chemical energy
 - Strain energy
 - Potential energy
 - Kinetic energy
 - Which classification of animals is according to the food they eat?
 - Reptiles
 - Anthrop
 - Carnivores
 - Metamorphosis
 - Which of the following is not the sign and symptom of round worm infection?
 - Pain in the stomach
 - Nausea
 - Loss of appetite
 - Vomiting
- Fig 1
-
- Which organ is responsible for the protection of the embryo?
 - A
 - C
 - D
 - B
 - What name is given to the part labeled B?
 - Uterus
 - Placenta
 - Embryo
 - Umbilical cord
 - Which of the following is the effect of destroying the environment?
 - Deforestation
 - Poaching
 - Desertification
 - Overgrazing
 - Cooking food with little or fat in an oven or Saucepan is called?
 - Grilling method
 - Frying method
 - Baking method
 - Roasting method
 - Which of the following is a method of separating mixtures with components of different boiling points?
 - Decanting
 - Distillation
 - Filtration
 - Magnetism

Name of candidate _____

14. What do you call the substance that dissolves another substance?
a. Suspensions b. Solutions c. Solvent d. Soluble
15. Which of the following is the side effect of Intra Uterine Device (IUD)?
a. Change in appetite c. Uterine infections
b. Enlargement of ovaries d. Nervousness
16. Which of the following is the physiological needs of a pregnant woman?
a. Regular moderate exercise
b. Regular medical check ups
c. Regular bath and wearing clear clothes
d. Plenty of clean safe water
17. Which of the following machine belongs to third class lever system?
a. Scissors b. Seesaw c. Forceps d. Pliers
18. Which of the following organs is responsible for regulating how much food to be transported by blood?
a. Heart b. Kidney c. Lungs d. Liver
19. Which of following is the guide line for planning needs for vegetation?
a. Particular likes and dislikes for food should be Taken into account
b. Use a variety of methods of cooking and serve with different combination
c. Adequate supply of calcium and vitamins needed for health bones
d. Meals should be easy digest
20. Why is the inner surface of a vacuum flask painted silver?
a. To beautify the flask
b. To reduce loss of heat through conduction
c. To emit more heat
d. To reduce loss of heart through radiation

AGRICULTURE

21. Which of the following is a characteristic of sand soil?
a. Holds a lot of water c. Has large particles
b. Feels sticky when wet d. Has medium air spaces
22. Which of the following plants is feed for fish in a pond
a. Shrubs b. Star grass c. Witch weed d. Plankton
23. Which of the following activities takes place during land preparation?
a. Ploughing b. Weeding c. Banding d. Thinning
24. Which of the following crops is a variety of cassava?
a. Malimba b. Kakoma c. Baka d. Manyokola
25. Which of the following is a safety measure when using a sprayer?
a. Keeping the control tap tight
b. Cleaning the sprayer after using
c. Keeping the sprayer in a dry place
d. Applying grease to the sprayer
26. Which of the following factor is necessary for selecting good seeds for planting?
a. Colour b. Size c. Shape d. Wholeness
27. Which of the following is a leaf vegetable?
a. Egg plant b. Lettuce c. Tomato d. Carrot
28. Which of the following layers of soil has the highest organic matter?
a. Parent rock b. Weathered rock
c. Top soil d. Sub soil
29. What is the name of the farm tool below?

a. Rake b. Slasher c. Handtrawel d. Handfork

Name of candidate _____

30. What is the use of the farm tool above?
a. Leveling a nursery bed
b. Loosening soil in a vegetable garden
c. Lifting seedlings from a seed bed
d. Harvesting vegetables
31. Identify the method of fruit propagation?
a. Cuttings b. Suckers c. Budding d. Seeds
32. Which of the following is a way of managing risks in a farm business?
a. Contract production c. Price change
b. Risks in farm d. Budgeting
33. Identify any cultural practice followed when establishing agroforestry plot?
a. Digging planting holes c. Arable crops
b. Size of the plot d. Spacing
34. The following are the products from hoofs and horns
a. Shoes & bags c. Sausages and polony
b. Buttons and glue d. Cheese and butter
35. The following are signs and symptoms of tuberculosis in cattle
a. Lameness, sores on feet and mouth
b. Swollen lymph nodes
c. Vaccination
d. Changes in body temperature, loss of weight

36. The following are marketing functions except?
a. Buying c. Transporting
b. Landscape d. Advertising

37. Identify the figure below



- a. Parasite c. Round worm
b. Tape worm d. Liver fluke
38. What does the figure above affects or damage in cattle?
a. Liver b. Stomach c. Intestines d. Kidney
39. State any diseases of flowers?
a. Aphids b. Slugs or snails
c. Mealy bugs d. Beach bark disease
40. What are the causes of soil erosion?
a. Loss of fertile soil
b. Reduced amount of ground water
c. Cultivating along river banks
d. Exposure of plant roots

SECTION B (STRUCTURED)

21. a. How long is the foetus at the age of 10 weeks?

b. Apart from Dietary needs of a pregnant woman, mention the other 2 needs of a pregnant woman?

c. Mention two ways of taking care of a baby

22. a. State any one characteristics of insect pollinated flowers

Name of candidate _____

b. Classify the following fruits and animal into these African daisy octopus, bat and oranges.

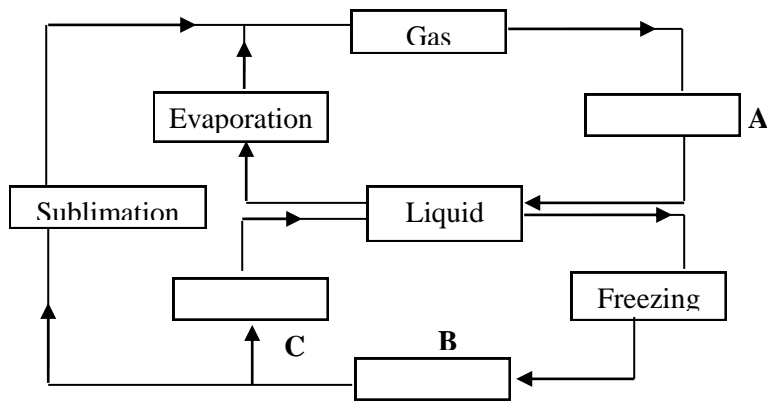
Dispersed by animals _____

Dispersed by wind _____

Invertebrate animals _____

Vertebrate animals _____

23. Fig 2 states of matter diagram



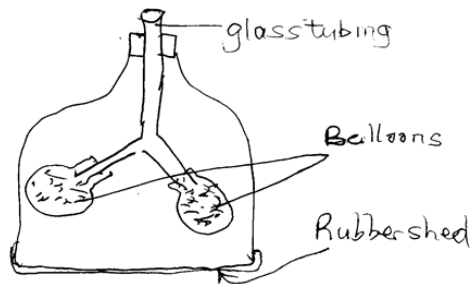
a. Name the process marked A in the diagram _____

b. What substance can change directly from solid to gaseous state? _____

c. State 2 applications of the changes of states of matter

d. Mention 2 properties of liquids as the state of matter

24. Fig 3



a. What do the following parts of the lung model represent in human breathing system?

i. Balloons _____

ii. Rubbersheet _____

b. Where in the body does the exchange of gas take place?

c. What 2 gases are exchange in and out of the lungs?

Name of candidate _____

d. Name 2 diseases that can affect the human breathing system

25. a. What is the difference between a “series” and “parallel” circuit?

b. Give 2 factors that affect the rate of solubility of substance

c. Draw a fish and label the following parts: **Lateral line, Pelvic fin and Operculum**



26. Mention any two problems of a farm business

27. Mention any two ways of managing an agroforestry plot

28. What are the two types of breeds of cattle?

29. Write down any two characteristics of cattle suitable for beef production

30. What are the characteristics of cattle suitable for dairy production? Give two

31. What is the name of a fruit garden?

32. Give the definition of the term water cycle

Name of candidate _____

33. Give any two stages of water cycle

34. Mention any two uses of water

35. State any two causes of water pollution

36. Write any two effects of water pollution?

37. How can we conserve water? Give two

38. What are any two ways of preserving flowers?

39.



a. Name the diagram _____

b. What is the use of the farm tool in a.

40. What are the types of fish species suitable for farming?

THE END