



SHRI GULABRAO ESHWARA KHANDVE EDUCATIONAL FOUNDATION,  
**JAGADGURU INTERNATIONAL SCHOOL, LOHEGAON PUNE**  
**TERM-1 EXAM (2024-25)**

**Class: IV**

**Division:**

**Subject: Science**

**Date: 27/09/2024**

**M.M.: 80**

**Roll No. :**

**Time: 3 HRS**

**General Instructions:**

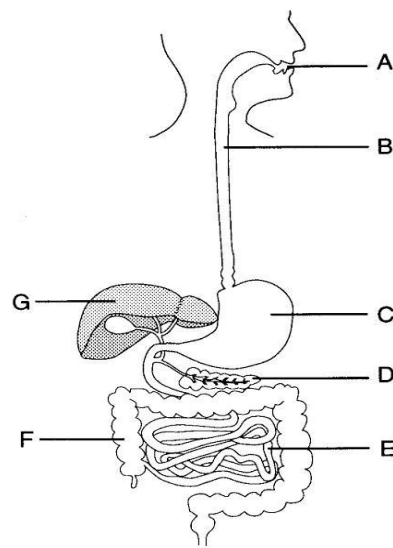
- (i) This question paper consists of 39 questions in 5 sections.
- ii) All questions are compulsory. However, an internal choice is provided in some questions. A student is expected to attempt only one of these questions.
- (ii) Section A consists of 20 objective type questions carrying 1 mark each.
- (iii) Section B consists of 6 Very Short questions carrying 02 marks each. Answers to these questions should be in the range of 30 to 50 words.
- (iv) Section C consists of 7 Short Answer type questions carrying 03 marks each. Answers to these questions should be in the range of 50 to 80 words.
- (v) Section D consists of 3 Long Answer type questions carrying 05 marks each. Answer to these questions should be in the range of 80 to 120 words.
- (vi) Section E consists of 3 source-based/case-based units of assessment of 04 marks each with sub parts.

**Section-A**

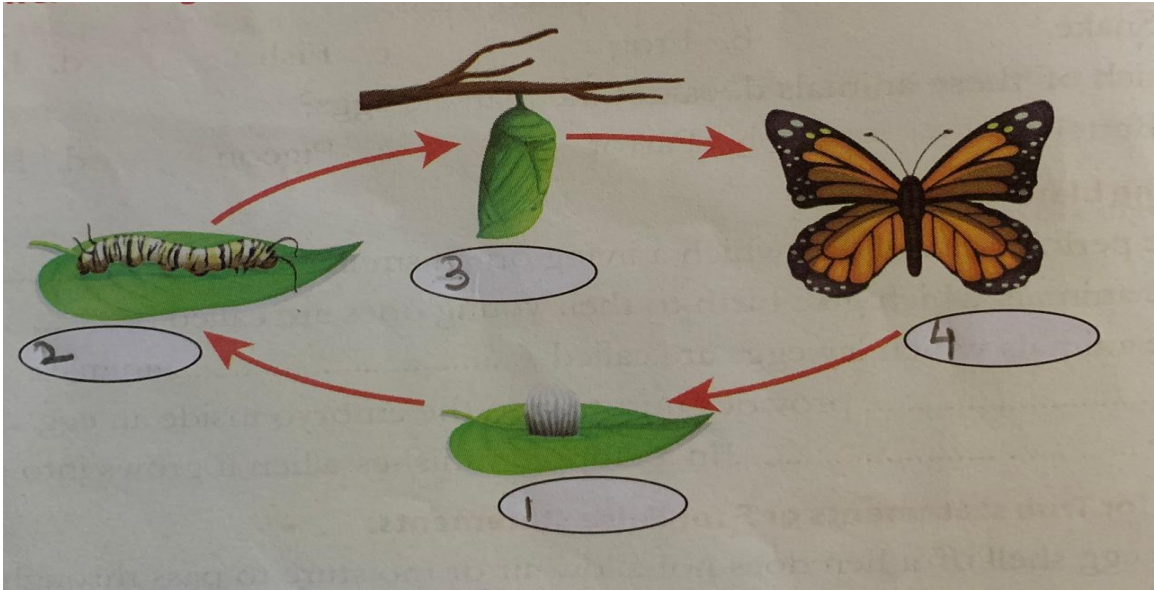
**Select and write the most appropriate option out of the four options given for each of the questions 1-20.**

Q.No.	Questions	MARKS
1	In an average adult, the heart pumps blood about: a) 50 times/min    b) 72 times/min    c) 100 times/min    d) 120 times/min	1
2.	These blood vessels have thick walls. a) veins    b) capillaries    c) arteries    d) all of these	1
3.	After digestion, the portion of food that cannot be digested passes into the _____ where water is absorbed. a) anus    b) stomach    c) small intestine    d) large intestine	1
4.	Which nutrient am I? My name starts with 'v' and I protect you from some diseases. a) vitamins    b) roughage    c) proteins    d) fats	1
5.	Which of the following is an adaptive feature of a penguin? a) Strong legs    b) blubber    c) gills    d) fur on body	1
6.	Given below are statements. Which of the following statements are true? i) Food items rich in protein are called energy-giving food. ii) Regular exercise is not required to maintain good health. iii) For being healthy, we need to sleep for about 8 hrs. iv) Lack of vitamins and minerals lead to deficiency diseases.  Choose the correct combination of statement. a) i, ii and iii    b) i and iii    c) i, ii, iii, and iv    d) iii and iv <b>OR</b> The lungs are supported by dome-shaped muscles called: (a) Rib cage    (b) windpipe    (c) diaphragm    (d) capillaries	1

7	_____ tree never shed their leaves. a) conifers                      b) deciduous                      c) evergreen                      d) none of these	1
8.	Carrot and radish are example of _____. a) roots with stored food                      b) stems with stored food c) flowers with stored food                      d) leaves with stored food	1
9	Which of the following is not a feature for protection? a) shell                      b) horn                      c) wings                      d) scales	1
10	Which one of the following is not an insectivorous plant :- a) Venus fly trap                      b) pitcher plant                      c) cactus                      d) bladderwort	1
11	Hydrilla and tape grass plants are examples of : a) floating plants                      b) fixed plant                      c) underwater plants                      d) evergreen plants	1
12	Arboreal animals are: i) monkey                      ii) squirrel                      iii) sloth bear                      iv) ostrich a) i, ii and iii                      b) iv only                      c) i and ii                      d) i, ii, iii and iv	1
13	Which of these trees have waxy coating on the leaves to prevent loss of water? a) Fir                      b) Vallisneria                      c) coconut                      d) mangrove	1
14	Which of the following is a way to preserve food? a) steaming                      b) frying                      c) pickling                      (d) baking	1
15	The part of digestive system where the digestion of food is completed: a) stomach                      b) anus                      c) liver                      d) small intestine	1
16	Which of these animals does not incubate its eggs? a) butterfly                      b) parrot                      c) pigeon                      d) hen	1
	<b>Question No. 17 to 20 consists of True and False statements. Write T for true and F for false statements.</b>	
17	The leaves of croton plant appear non-green because they lack chlorophyll. _____	1
18	Roughage does not provide nourishment to the body . _____	1
19	Thick fur traps heat and helps in keeping the body temperature constant. _____	1
20	Incisors are sharp and pointed and help in tearing food. _____	1
	<b>SECTION B</b>	
21	Give two examples of plants that grow well in heavy rainfall areas.	2
22	Fill in the blanks. a) _____ are animals that can live both on land and in water. b) Birds like ostrich and kiwi cannot fly. They are known as _____ birds.	2
23	Give two examples of viviparous animals. <b>OR</b> Give two examples of parasites	2
24	Give one word for the following: a) organ where oxygen passes into the blood b) the upper chambers of the heart	2

25	Give one word for the following: a) the outermost layer of tooth is _____ b) From the mouth, the food get swallowed into a pipe known as _____.	2	
26	a) The food that keeps the body warm is _____ b) Diet has all the necessary nutrients in the right quantities.	2	
SECTION C			
27	Explain in brief about following methods of cooking with one example each. a) boiling                                  b) roasting                                  c)frying	3	
28	List any three healthy eating habits.	3	
29	Match the following.	3	
	1.nose		a. Carry oxygen rich blood to all body parts
	2.Wind pipe		b. Inhaling and Exhaling
	3.Artery		c. Takes air down to the lungs
30	Draw a neat and labelled diagram showing the parts of an egg.	3	
31	Answer the following in brief: a) What is a habitat? b) Define adaptation. c) Explain why fishes have streamlined bodies.	3	
32	List three things for which animals depend on plants. List three things for which plants depend on animals.	3	
33	List and explain three adaptations that fish have for living in water.	3	
SECTION D			
34	a)What do you mean by camouflage? Explain how camouflage is useful to the stick insect.  b) What is migration? Name two animals that migrate from their original place.	5	
35	<div><div></div><div>Label the parts of digestive system in the given diagram. What is the role of small intestine in digesting the food?</div></div>	5	
36	a) Describe structure of heart. What work does it do? b) What is blood? What is its functions? <b>OR</b> Draw a neat label diagram showing parts of tooth. Write the function of enamel.	5	

## SECTION E

37	<p>Deserts are areas on land that are very hot during the day and very cold at night. There is very little food and water because of low rainfall and high temperature. Animals living in desert are adapted to survive in extreme heat and very low availability of water.</p> <p>i) List any four adaptations that a camel has for living in hot deserts.</p>	4
38	<p>Cooking makes food tasty and soft. It makes food easy to digest and also kills germs present in food that can make us sick. However, we should not overcook food.</p> <p>i) list two disadvantages of overcooking. ii) what precautions should we take while cooking food?</p>	4
39	<p>Nearly all insects reproduce by laying eggs. The eggs are laid by female insects in a safe location like on wood or leaves etc. some insects like butterfly pass through four stage in their life cycle.</p> <p>i) The caterpillar spins a covering called _____ around itself. ii) Label different stages in life cycle of a butterfly.</p> 	4