

Name		Roll Number	
-------------	--	--------------------	--



**INDIAN SCHOOL MUSCAT
MIDDLE SECTION
HALF YEARLY EXAMINATION 2019-20**



SUBJECT – SCIENCE

Code: MWSC02

CLASS: 5

Time Allotted: 2 ½ Hrs.

30.9.2019

Max .Marks: 80

General Instructions.

1. The question paper comprises of **two Sections, A and B**. You have to attempt both the sections.
2. **All questions are compulsory.**
3. **All answers should be written in the answer sheet provided.**

SECTION A- 20 Marks

1.Fill in the blanks

- a. A _____ is the smallest living part of a living thing. 1
- b. Manure and _____ should be added to the soil to make it fertile. 1
- c. Mammals, birds and reptiles breathe through their _____. 1
- d. Brain, spinal cord and nerves are the main organs of _____ system. 1
- e. The coloured part of the eye is the _____. 1

2. Choose the correct answer

- a. Which of the following can make their own food? 1
(a) Rose plant (b) lion (c) hen (d) none of these
- b. The main organs of Excretory system are 1
(a) Bones (b) nose and lungs (c) kidney and skin (d) muscles
- c. Which sense organ differentiates between sizes and distances of objects around you? 1
(a) Ear (b) eyes (c) tongue (d) nose
- d. Which of these can be caused by animal bites? 1
(a) Rabies (b) tetanus (c) nose bleed (d) dysentery
- e. Which of these is herbivore? 1
(a) Cat (b) dog (c) horse (d) wolf

3. State TRUE or FALSE

- a. Mushrooms do not have chlorophyll. 1
- b. If all the seeds fall under the parent plant they will grow into very healthy plants. 1
- c. Prawns and tadpoles swim with their legs. 1
- d. The reflex actions are automatic reactions of the body. 1
- e. Vaccines contain medicines that help the body fight against disease. 1

4. Match the following

- | | | |
|--------------------|----------------------------|---|
| a. Rickets | 1. Deficiency of vitamin C | 1 |
| b. Beriberi | 2. Deficiency of iodine | 1 |
| c. Scurvy | 3. Deficiency of vitamin B | 1 |
| d. Night blindness | 4. Deficiency of vitamin D | 1 |
| e. Goitre | 5. Deficiency of vitamin A | 1 |

SECTION B

Questions 5 to 22 carry 1 mark each

- 5 Which plant responds to stimuli (touch) by closing its leaves? 1
- 6 How do animals reproduce? 1
- 7 Write the function of cotyledon. 1
- 8 Why are tea and coffee grown on the hilly slopes? 1
- 9 What do seeds need for germination? 1
- 10 How do fish breathe? 1
- 11 What type teeth do carnivores have? 1
- 12 How many bones are present in an adult human skeleton? 1
- 13 What type a joint is the elbow? 1
- 14 Which organs does the rib cage protect? 1
- 15 Why are at least two muscles needed to move a bone in the body? 1
- 16 Which part of the human eye contains special cells that are sensitive to light and color? 1
- 17 What are sensory nerves? 1
- 18 Why do we need roughage? 1
- 19 What should be done in case of gas leak in the kitchen? 1

- 20 Name the special instrument used to put out small fires. 1
- 21 What first aid should be given to a person with sprain? 1
- 22 Why do ambulances have sirens? 1

Questions 23 to 33 carry 2 marks each

- 23 State any two characteristics of living things. 2
- 24 Name the agent of dispersal for the following plants 2
(a) Maple (b) lotus (c) pea (d) guava
- 25 (a) Why do animals migrate? 2
(b) Give two examples of animals that migrate.
- 26 How are fins useful to fish? 2
- 27 We can move our arms in circular motion but not our knees. Explain Why? 2
- 28 (a) What is bone marrow? 2
(b) Write the function of bone marrow.
- 29 Explain what happens when a sound falls on the ear drum. 2
- 30 Ben is looking very weak and pale. He also gets tired easily. 2
(a) Name the disease Ben might be suffering from.
(b) What do you think his diet is deficient in? What should Ben include in his diet?
- 31 Why are the following done? 2
(a) In case of snake bite a bandage is tied just above the bitten part of the body.
(b) If a person's clothes catches fire a blanket is wrapped around the person.
- 32 You are playing with your friends. Suddenly one of them starts bleeding from the nose. 2
What will you do?
- 33 (a) We should not wear nylon clothes in the kitchen? 2
(b) Why should water not be used to put out an electric fire?

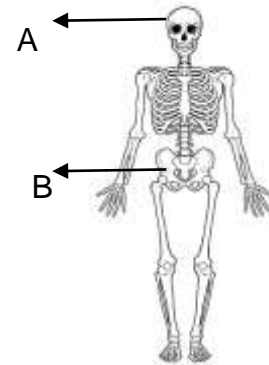
Questions 34 to 38 carry 3 marks each

- 34 (a) Differentiate between kharif and rabi crops. Give one example for each. 3
(b) Why are harvested crops stored in dry place of airtight containers?
- 35 (a) Give reason. 3
(i) The ostrich, emu and penguin cannot fly.
(ii) Ducks, fowls, humans and bears are called known as omnivores.

- (b) How do the following animals swim?
(i) Turtle
(ii) water boatman

36 Observe the diagram given below and answer the following questions. 3

- (a) Label the parts Marked A and B
(b) Write one function of human skeleton.
(c) Name the type of joint present in B
(d) Name the only movable joint present in A



37 Give reasons. 3

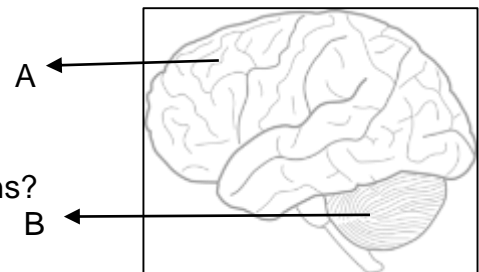
- (a) The food should not be overcooked
(b) Water is very important for our body.
(c) We must eat a balanced diet every day.

- 38 (a) What are communicable diseases? 3
(b) We must use a handkerchief while coughing or sneezing. Why?
(c) Name two diseases spread by mosquitoes.

Questions 39 carries 5 marks

39 Observe the diagram given below and answer the following questions 5

- (a) Label the parts marked A and B.
(b) Write the function of part A and part B.
(c) Which part of the brain controls involuntary actions?
(d) What are motor nerves?



End of the question paper.