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**INDIAN SCHOOL MUSCAT
MID TERM EXAMINATION- 2017-18**

SCIENCE –MARKING SCHEME

Class: V

Total Marks: 80

Date: 20.09.2017

Duration: 2 ½ hrs.

Instructions:

- Questions 1,2 & 5 carry 10 marks each
- Question 3 & 4 carry 5 mark each
- Questions 6-15 carry 1 mark each
- Questions 16 to 25 carry 2 marks each
- Questions 26 & 27 carry 3 marks each
- Question 28 carries 4 marks.

SECTION-1(MARKS: 40)

Section 1 should be answered in the question paper itself and attach it to the main answer sheet.

OBJECTIVE TYPE

Q1	Fill in the blanks	(10×1=10)
1.	A _____ is the smallest living part of a living thing.	CELL
2.	Plants have a green substance called _____.	CHLOROPHYLL
3.	The outer covering of a seed is called _____.	SEED COAT
4.	Crops grown in summer are called _____ crops.	KHARIF
5.	Fish have _____ to breathe.	GILLS
6.	The _____ protects the brain.	SKULL
7.	_____ are body building foods.	PROTEINS
8.		

	Breaking of a bone is called a _____ .	FRACTURE
9.	Animal bites can cause a dangerous disease called _____ .	RABIES
10.	The immediate help given to an injured person is called _____	FIRST AID
Q2	Choose the correct answer	
1.	This is a natural nonliving thing. a. car b. sun c. plants d. paper	B
2	A plant that can grow from stem cutting a. carrot b. beans c. rose d. bryophyllum	C
3.	The hard outer covering of a snail. a. shell b. scale c. feather d. fur	A
4.	The shoulder joint is an example of a. hinge b. ball and socket c. pivot d. gliding	B
5.	The thinking part of the brain. a. cerebrum b. cerebellum c. medulla d. spinal cord	A
6.	Deficiency of iodine causes a. anaemia b. beri beri c. goitre d. rickets	C
7.	A disease that can spread through air. a. typhoid b. dengue c. cholera d. common cold	D
8.	Fire extinguishers give out this. a. oxygen b. oil c. carbon dioxide d. kerosene	C
9.	The _____ swells up when there is a sprain a. muscles b. bones c. wounds d. joints	D
10	Blisters are formed as a result of a. animal bites b. burns c. nose bleeding d. deep cuts	B

Q3	Write true or false	(5×1=5)
1.	Turtles use their flippers for swimming.	T
2.	Muscles that are in your control are called voluntary muscles.	T
3.	Reflex actions are controlled by the spinal cord.	T
4.	Tetanus is spread by fleas.	F
5.	An electric fire should be put out using water.	F
Q4.	Match the words in column A to column B	(5×1=5)
	Column A	Column B
	1. Responds to touch	a. coconut
	2. Dispersed by water	b. reproduce by spores
	3. Ferns	c. have sharp front teeth
	4. Herbivores	d. Monarch butterflies
	5. Migration	e. touch-me-not
Q5.	Name the following.	(10×1=10)
1.	A plant that cannot make its own food.	MUSHROOM/FUNGI/YEAST/ BREAD MOULD
2.	A baby plant after germination.	SEEDLING
3.	Grasshopper breathes through tiny holes on their body called	SPIRACLES
4.	The natural surroundings in which an animal lives.	HABITAT
5.	The jelly-like material found inside a bone.	BONE MARROW
6.	The type of joint that helps you to turn your head left and right.	PIVOT JOINT
7.	The coloured part of the eye.	IRIS
8.	The organ which vibrates like the membrane or skin of a tabla in your ear	EAR DRUM
9.	The mineral that helps to strengthen bones and teeth.	CALCIUM/PHOSPHOROUS
10.	A diet containing the right amount of all nutrients.	BALANCED DIET



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SECTION-II (MARKS-40)

NOTE: Questions **Q6** to **Q15** carry **one** mark each.
Questions **Q16** to **Q25** carry **two** marks each.
Questions **Q26** to **Q27** carry **three** marks each.
Question **Q28** carries **four** marks.

Section II should be answered in a separate answer sheet.

Q6. Why do animals depend on plants for their food?

A. They can't make their own food like plants.

Q7. Which gas is taken in by plants for photosynthesis?

Ans. carbondioxide

Q8. Name the seed in the adjacent diagram and mention the agent of its dispersal.

Ans. Dandelion dispersed by air



Q9. Define germination.

Ans. The growth of a baby plant from a seed

Q10. What is the forelimb of a bird called?

Ans. wings

Q11. What is hinge joint? Give one example.

Ans. It's a joint that allows only back and forth movement. Eg. knee, elbow

Q12. Why can't you smell when you have a blocked nose?

Ans. Because mucus covers the nerve endings.

Q13. Which part of your brain helps you keep your balance while cycling?

Ans. cerebellum

Q14. Which nutrient is present in bread and rice?

Ans. carbohydrate

Q15. Why should a wound be washed well with soap and water?

Ans. To remove dirt / germs.

Q16. State any two ways in which animals differ from plants.

Ans. Plants can make their own food. animals cannot.

Animals can move from place to place. plants cannot.

Animals have sense organs. plants do not.

Animals reproduce by laying eggs or giving birth. Plants by seeds or spores, (any two)

Q17. What are the two uses of cotyledon of a seed?

Ans. Protects the embryo, provides food for the embryo.

Q18. Which part of the following plants is used for reproduction?

a) potato - stem/ bud/ eyes b) bryophyllum - leaf

Q19. How does a frog breathe?

Ans. Frog breathes through lungs on land and moist skin in water

Q20. a. Name the body covering of the following animals given below.

i) polar bear ii) parrot

b. How do these body coverings help them?

Ans. a) polar bear – fur b) parrot –feathers

b) It keeps them warm/ Birds-to help them fly

Q21. Write two uses of the skeletal system.

Ans. To give shape, protect internal organs, bones have bone marrow which makes the blood cells

Q22. What is the difference between a sensory nerve and a motor nerve?

Ans. Sensory nerves carry messages from different parts of the body to brain or spinal cord.

Motor nerve carry messages from brain and spinal cord to muscles and glands telling them

What to do

Q23. a. Name two foods that contain vitamin C.

b. Name the disease caused by the deficiency of vitamin C.

Ans. Any two foods citrus fruits, tomatoes, cabbage , green vegetables.

Deficiency disease- Scurvy

Q24. Give two ways to extinguish a petrol fire.

Ans. Use sand or fire extinguisher

Q25. Why should medicines be kept away from the reach of children?

Ans. They can eat it and it might harm them

Q26. a. Identify this insect. **Ans. Mosquito (1 mark)**

b. Name any two diseases spread by this insect.



Ans. Dengue, malaria (1 mark)

c. Suggest one method to prevent this insect from spreading diseases.

Ans. Do not have stagnant water outside your house.

Use mosquito nets, mosquito repellants, spray insecticides.(any one point) (1 mark)

Q27. a. Name the muscles marked A and B

A. bicep B. tricep (half mark each)

b. What is the common name of these muscles?

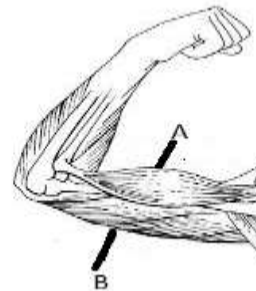
Ans. Voluntary muscles (half mark)

c. Why are they known by that name?

Ans. because they are in your control (half mark)

d. How are these muscles attached to the bones?

Ans. Tendons (1mark)



Q28. a. Identify the parts of the eye marked A and B

A lens B optic nerve (half mark each)

b. Write the function of each of the parts A and B

Ans. Lens forms the images of the objects that you see on the retina(1mark)

Optic nerve carry messages from eye to the brain. (1mark)



c. Name the part of the eye through which light enters the eye.

Ans. Through the pupil (1mark)
