

06/10/18

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HALF YEARLY EXAMINATION 2018-19

SUBJECT: SCIENCE  
TIME: 2.5 HOURS

SET A

CLASS: VII  
MAX. MARKS: 80 M

**INSTRUCTIONS:**

Question numbers 1 and 5 are very short answer type (VSA) carry one marks each and these are answer in one word or in one sentence.

Question numbers 6 to 14 are two marks questions (SA I) and to be answer in about 20 to 40 words

Question numbers 15 to 23 are three marks questions (SA II) and to be answer in about 40 to 60 words while 24 and 29 are five marks question (VLA) and to be answer in about 60 to 100 words.

Que. No.		Marks
1	What is Humus?	1M
2	What is climatic condition of Rajasthan?	1M
3	What is our body temperature?	1M
4	What is sericulture?	1M
5	Write the name of two parasites.	1M
6	Why mercury is used in thermometer?	2M
7	List the differences between clayey soil and sandy soil.	2M
8	Distinguish between a parasite and a saprotrophs.	2M
9	Define; Shearing and Scouring.	2M
10	What is an indicator? Name one natural and one synthetic indicator.	2M
11	You want to buy a house. Would you like to buy a house having windows but no ventilators? Explain.	2M
12	Name the elements that determine the weather of a place.	2M
13	Explain how painting of an iron gate prevents it from rusting?	2M
14	Which enzymes present in Saliva? Write its function.	2M
15	Explain why; a. An antacid tablet is taken when a person suffer from acidity. b. Calamine solution is applied on the skin when an ant bites.	3M
16	What is rusting of iron? How rusting is prevented?	3M
17	What is an insectivorous plant? Give examples. Why insectivorous plants grow in nitrogen less soil.	3M
18	What is thermometer? Write any three precautions of using Clinical thermometer.	3M
19	Draw a label diagram of life cycle of silk moth.	3M
20	Which part of the digestive canal is involved in: a. Absorption of food b. Killing of bacteria c. Complete digestion of food	3M

21	Explain how soil is formed?	3M
22	How will you help your neighbours in case cyclone approaches your locality?	3M
23	Explain why tropical rainforest has a large population of animals.	3M
24	Draw a label diagram of Human Digestive System.	3+2=5M
25	a) What are the methods of transfer of heat? b) What is conduction? Write conditions of conduction. c) Write difference between land breeze and sea breeze.	1+2+2=5M
26	What is adaptation? Write any four adaptations of Polar bear.	1+4=5M
27	a) What is chemical change? b) How chemical change differs from physical change. c) Describe an activity to show chemical change.	1+2+2=5M
28	What is soil profile? Draw a label diagram of soil profile.	1+4=5M
29	a. What is photosynthesis? Write the equation of photosynthesis and mention raw materials and products of photosynthesis. b. How would you test the presence of starch in leaves?	3+2=5M