

CHOITHRAM SCHOOL MANIKBAGH INDORE

CLASS IX Session: 2018-19

Subject: Science
Allotment Date: 27/07/2018

Assignment No: I
Submission Date: 04/ 08/2018

S.No	QUESTION	MARKS	LEVEL
OBJECTIVE TYPE			
1.	To which physical state of matter do the following statements apply? a) Particles move randomly in all directions due to weak forces of attractions. b) Incompressible, no fixed shape.	1	Knowledge
2.	Identify the quantity that is changing every second when an object is accelerating.	1	Understanding
3.	Name two foreign breeds which are selected for long lactation period.	1	hot
SHORT ANSWER TYPE I			
4.	What are photoperiods? How are they beneficial to plants?	2	knowledge
5.	A cyclist is travelling at 5.6 m/s when she starts to accelerate at 0.60 m/s ² for a time interval of 4.0 s. (a) How far did she travel during this time interval? (b) What velocity did she attain?	2	understanding
6.	A car is travelling at 14 m/s when the traffic light ahead turns red. The car brakes and comes to a stop in 5.0 s. Calculate the acceleration of the car.	2	logic
7.	Steam at 100° C cause more severe burn than water at the same temperature. Why?	2	Hot
SHORT ANSWER TYPE II			
8.	i) What are the desirable agronomic characteristics for fodder and cereal crops? ii)What is the effect of excessive use of pesticides on plants?	3	understanding
9.	Differentiate between- i) Inter cropping and Crop rotation ii) Vermicompost and Green manure	3	Multi conceptual
10.	a)Why there is a need for sustainable practices in agriculture and animal husbandry? b)How manures helps in improving the soil structure of clayey and sandy soils? c)Why fish culture is done in combination with rice crop?	3	Analysis
LONG ANSWER TYPE			
11.	The temperature time graph given shows the heating curve for pure wax .From the graph answer the following questions. a) What is the physical state of the substance at point A, B, C and D? B) What is the melting point of the substance? c) What is its boiling point? d) Which portion of graph indicates that change of state is taking place? e) Name the terms used for the heat absorbed during change of states involved in above process.	5	Logic
12.	A girl is taking her dog for a walk. They walk 5.0 km due North and then turn around and walk 12 km due South. (a) What is the total distance that they travelled? (b) What is their displacement? (c) What displacement would they have to walk to get back to their starting point?	5	Hot