



OSDAV Public School, Kaithal
November Exam (2024-25)
Class :VII
Subject: Science

SET-A

Time: 1 hr 20 min.

M.M. : 30

Q.No.	Questions	Marks
1	The SI unit of distance is a) m/s b) m c) km/hr. d) m/hr	1
2	The male reproductive part of flower is a) Pistil b) Stamen c) Sepal d) Petal	1
3	Motion of a pendulum is an example of a) Circular motion b) linear motion c) Rotational motion d) Periodic motion	1
4	The main function of red blood cells is to a) Fight infection c) Transport oxygen b) Excretion of waste material d) Clotting of blood	1
5	Organ of excretory system that filters the blood a) Kidney b) ureter c) urinary bladder d) urethra	1
6	For question number and two statements are given. Select correct answer to these questions from the codes (i),(ii),(iii) and (iv) as given below. (i) Both A and R are true and R is correct explanation of the assertion. (ii) Both A and R are true and R is not the correct explanation of the assertion (iii) A is true but R is false (iv) A is false but R is true Assertion: Arteries are thick and elastic. Reason: The pressure of blood is high.	1
7	a) Rashmi took a complete round around a triangular park with a constant speed. Each side of park is equal. Is the motion uniform or non uniform? Also write the reason. b) What does the motion time graph indicates if it's straight line inclined to time axis.	1+1
8	Write the two differences between arteries and veins	2
9	a) How is seed formed ? b) When is the flowers at to be unisexual?	2+1
10	Draw a labelled diagram of excretory system.	
11	a) What happens when platelets get reduced in the blood? b) Name the blood vessel which connects parties and mains c) What does the relaxation of heart called?	1+1+1
12	(a) What is the role of petals in pollination? (b) Name the flower which is dispersed by explosion of fruit. (c) How can we say that budding in yeast is a type of asexual reproduction?	
13	a) What does the motion called if repasts after regular interval of time? Give two examples of such type of motion. b) Calculate the time period of pendulum it completes 30 oscillations in 90 seconds. c) Name the scientific who gave the idea of petroleum.	2+2+1
114	Tanisha took some stem cuttings of rose plant from the garden of her friend and planted it in her own garden. She also wishes to grow bryophyllum in her garden but do not know how to fulfil her wish . Now answer the following questions. 1) Name the vegetative part that can be used to grow bryophyllum. 2) Name one more vegetative part that can be used to grow a new plant. 3) What does the method called if a new plant is grown with the help of vegetative parts of plant? 4) Write one advantage of this method of growing a new plant.	4



Q.No.	Questions	Marks
1	The SI unit of speed is a) m/s b) m c) km/hr. d) m/hr.	1
2	The female reproductive part of flower is a) Pistil b)Stamen c) Sepal d) Petal	1
3	Falling raindrops is an example of a) Circular motion b) linear motion c) Rotational motion d) Periodic motion	1
4	The main function of blood platelets is to (a) Fight infection (b) Excretion of waste material c) Transport oxygen d) Clotting of blood	1
5	The process by which organisms like amoeba transport materials a) Diffusion b) Assimilation c) Rectification d) Reduction	1
6	For question number and two statements are given. Select correct answer to these questions from the codes (i),(ii),(iii) and (iv) as given below. (i) Both A and R are true and R is correct explanation of the assertion. (ii) Both A and R are true and R is not the correct explanation of the assertion (iii) A is true but R is false (iv) A is false but R is true Assertion: Budding is a type of asexual reproduction in which new organism reproduce by the production of an outgrowth called bud. Reason: Spirogyra reproduce by this method.	1
7	a) Rashmi took a complete round around a triangular park with a constant speed. Each side of park is equal. Is the motion uniform or non uniform? Also write the reason. b) What does the motion time graph indicates if it is parallel to time axis.	1+1
8	Write the function of xylem and phloem tissue in transporting the different materials in plants.	2
9	a) How is fruit formed ? b) What does the fusion of male and female gamete called?	2
10	Draw a labelled diagram of flower.	3
11	a) What happens when WBCs get reduced in the blood? b) Name the blood vessel which is the pathway to carry oxygen rich blood. c) What does the contraction of heart called?	1+1+1
12	a) What is blood plasma? b) Explain the function of heart.	1+2
13	a) What does the motion called if repeats after regular interval of time? Give two examples of such type of motion. b) Find the distance if a person takes 5 minutes to reach his office with a speed of 60 km/hr. c) Name the device which is used in cars to measure the distance	2+2+1
14	Tanisha took some stem cuttings of rose plant from the garden of her friend and planted it in her own garden. She also wishes to grow bryophyllum in her garden but do not know how to fulfil her wish . Now answer the following questions. 1) Name the vegetative part that can be used to grow bryophyllum. 2) Name one more vegetative part that can be used to grow a new plant. 3) What does the method called if a new plant is grown with the help of vegetative parts of plant? 4) Write one advantage of this method of growing a new plant.	4



OSDAV Public School, Kaithal
Periodic Test(2024-25)
Class VII
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SET-A

Marking scheme

Q.No.	Questions	Marks
1	The SI unit of distance is b) m	1
2	The male reproductive part of flower is b)Stamen	1
3	Motion of a pendulum is an example of d) Periodic motion	1
4	The main function of red blood cells is to c) Transport oxygen	1
5	Organ of excretory system that filters the blood a)Kidney	1
6	(i) Both A and R are true and R is correct explanation of the assertion. (9). Assertion: Arteries are thick and elastic. Reason: The pressure of blood is high.	1
7	a) non uniform motion as the path is not straight b) Uniform motion	1+1
8	arteries -carry oxygen, thick and elastic ,high blood pressure ,blood flow from heart to organ veins-carry carbon dioxide rich blood, thinner ,low blood pressure ,blood flows from organ to heart	2
9	a) seeds are formed from ovules after fertilization. b) if it is having either stamen or pistil.	1+1
10	Diagram Plus labelling	½+1/2
11	a) Excessive loss of blood b) Capillaries c) Diastole	1+1+1
12	a) Attract insects b) Pea, lady finger or any relevant answer. c) as one parent is there.	1+1+1
13	a) periodic motion. rotation of Earth, revolution of earth, motion of pendulum ,motion of hands of clock. b) formula, right answer, unit c) Galileo	2+2+1
114	1) Leaf 2) stem, root 3) Vegetative propagation 4)Plants grow earlier. Have desirable characters.	4



Marking scheme

Q.No.	Questions	Marks
1	The SI unit of speed is a) m/ s	1
2	The female reproductive part of flower is a) Pistil	1
3	Falling raindrops is an example of Linear motion	1
4	The main function of blood platelets is to d) Clotting of blood	1
5	The process by which organisms like amoeba transport materials a) Diffusion	1
6	A is true R is false .	
7	a) non uniform as the path is not straight. b) object at rest	1+1
8	Xylem transport water and mineral Phloem tissue helps in transporting food in plants.	1+1
9	a) fruit is formed from ovary after fertilization b) the fusion of male and female gamete - fertilization.	1+1
10	Drawing + labelling	½+1/2
11	a) Excessive loss of blood b) Artery c) Systole	1+1+1
12	a) Liquid component of blood b) Pump blood. Oxygenated blood enters the left atrium and ventricle and then to different parts of the body. It gives Oxygen and take carbon dioxide blood goes to the right atrium and then ventricle and then to the lungs for oxygenation	1+2
13	a) periodic motion . Rotation of Earth revolution of Earth motion of pendulum motion of hands of clock b) formula with right answer and unit. c) odometer.	2+2+1
14	1) Leaf 2) stem, root 3) Vegetative propagation 4) Plants grow earlier. Have desirable characters.	4