



GRADE: VIII Date: 30 -09-2024	TERM 1 (2024-25) Science	Marks: 40 Time: 2 Hours
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Name:

Section:

Q.No.	Questions	Mark
	Section A	
	Choose the correct answer.	
1.	Where does the fusion of male and female gametes generally take place? a) Fallopian tube b) Ovary c) Uterus d) Zygote	1
2.	Which one of the following statements is true about the storage of produce? i. Harvested grains have less moisture. ii. ii. Farmers store grains in jute bags or metallic bins. iii. Small-scale storage of grains is done in silos and granaries iii. iv. Specific chemical treatments are required to protect crops from pests and microorganisms. A. ii only B. i, ii, and iv C. ii and iv D. iii and iv	1

3.	Friction is a _____ a. Contact force b. Non-contact force c. Magnetic force d. None of these	1
4.	The force between two charged bodies is called a. muscular force b. gravitational force c. magnetic force d. electrostatic force	1
5.	The unit of pressure is: a) N b) Pa c) Nm ² d) None of these	1
6.	The cell formed after fertilisation is called a) Foetus b) Zygote c) Embryo d) None of these	1
7.	Separating grains from chaff is called: (a) winnowing (b) threshing (c) fallow (d) harvesting.	1
8.	2-4D is a (a) Pesticides (b) Insecticides (c) Fungicides (d) Weedicides.	1
9.	On what does the force of friction depend? a. Smoothness of surface b. Roughness of surface c. Inclination of surface d. All of the above	1
10.	_____ is a Khariff crop. a) Millet b) radish c) cauliflower d) turnip	1
Write True or False		
11.	Opaque objects allow light to pass through them.	1

12.	Human beings have 24 pairs of chromosomes.	1								
13.	Seed drill is an agricultural implement used to sow seeds.	1								
14.	Pressure decreases as area increases.	1								
Fill in the Blanks										
15.	The eggs in females are released by _____.	1								
16.	Gravitational force is a force of _____.	1								
17.	If the angle of incidence made by a ray of light is 72° , then the angle of reflection is _____.	1								
18	_____ is the dark organic matter in soil that is formed by the decomposition of plant and animal matter.	1								
19.	Match the following:	2								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">A) Transplantation</td> <td style="width: 50%;">i) non-contact force</td> </tr> <tr> <td>B) Frogs</td> <td>ii) atmospheric pressure</td> </tr> <tr> <td>C) Magnetic force</td> <td>iii) rice</td> </tr> <tr> <td>D) Barometer</td> <td>iv) external fertilization</td> </tr> </table>	A) Transplantation	i) non-contact force	B) Frogs	ii) atmospheric pressure	C) Magnetic force	iii) rice	D) Barometer	iv) external fertilization	
A) Transplantation	i) non-contact force									
B) Frogs	ii) atmospheric pressure									
C) Magnetic force	iii) rice									
D) Barometer	iv) external fertilization									
Section – B										
Give one word for the following:										
20.	An agricultural implement that is used to break the crumbs of soil and level the ground.	1								
21.	Another word for fluid friction.	1								
22.	Oviducts are also called _____.	1								
23.	The instrument used to measure liquid pressure.	1								
24.	An instrument that utilises multiple reflections to work.	1								
Very short answer Questions										
25.	Light travels in straight lines. This property is known as ____.	1								
26.	Name one food crop and one oil-producing crop.	1								
Short Answer question:										
27.	Differentiate between reproduction in hydra and amoeba.	2								
28.	Explain any two modern methods of irrigation.	2								
Long Answers Questions:										

29.	State the laws of reflection with a neat diagram.	3
30.	Give reasons: a) Astronauts wear specially designed suits in space exploration. b) Sharp knives have very thin edges. c) Powder is sprinkled on the carom board before the game.	3
31.	Differentiate internal and external fertilization in animals. Give examples.	3
THE END		

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