



<b>GRADE: VIII</b> <b>Date: 30 -09-2024</b>	<b>TERM 1 (2024-25)</b> <b>Science</b> <b>Answer Key</b>	<b>Marks: 40</b> <b>Time: 2 Hours</b>
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**Name:**

**Section:**

Q.No.	Questions	Mark
	<b>Section A</b>	
	<b>Choose the correct answer.</b>	
<b>1.</b>	Where does the fusion of male and female gametes generally take place?  a) Fallopian tube  b) Ovary  c) Uterus  d) Zygote	1
<b>2.</b>	Which one of the following statements is true about the storage of produce?  i. Harvested grains have less moisture. 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. <b>Contact force</b> 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. <b>electrostatic force</b>	1
5.	The unit of pressure is: a) N <b>b) Pa</b> c) Nm <sup>2</sup> d) None of these	1
6.	The cell formed after fertilisation is called a) Foetus b) <b>Zygote</b> c) Embryo d) None of these	1
7.	Separating grains from chaff is called: (a) <b>winning</b> (b) threshing (c) fallow (d) harvesting.	1
8.	2-4D is a (a) <b>Pesticides</b> (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. <b>All of the above</b>	1
10.	_____ is a Khariff crop. a) <b>Millet</b> b) radish c) cauliflower d) turnip	1
<b>Write True or False</b>		
11.	<b>F</b>	1

12.	F	1								
13.	T	1								
14.	T	1								
<b>Fill in the Blanks</b>										
15.	Ovary	1								
16.	Attraction	1								
17.	72°	1								
18	Humus	1								
19.	<p style="text-align: center;"><b>Match the following:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">A ) Transplantation</td> <td style="width: 50%; padding: 5px;">i) non-contact force</td> </tr> <tr> <td style="padding: 5px;">B) Frogs</td> <td style="padding: 5px;">ii) atmospheric pressure</td> </tr> <tr> <td style="padding: 5px;">C) Magnetic force</td> <td style="padding: 5px;">iii) rice</td> </tr> <tr> <td style="padding: 5px;">D) Barometer</td> <td style="padding: 5px;">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	2
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B) Frogs	ii) atmospheric pressure									
C) Magnetic force	iii) rice									
D) Barometer	iv) external fertilization									
<b>Section – B</b>										
<b>Give one word for the following:</b>										
20.	Leveller	1								
21.	Drag	1								
22.	Fallopian tube	1								
23.	Manometer	1								
24.	Periscope/Kaleidoscope	1								
<b>Very short answer Questions</b>										
25.	Rectilinear propagation	1								
26.	Rice, sunflower	1								
<b>Short Answer question:</b>										
27.	In hydra – budding In amoeba – binary fission Both are asexual reproduction methods	2								
28.	Sprinkler irrigation	2								

	Drip irrigation	
	<b>Long Answers Questions:</b>	
<b>29.</b>	Incident ray, reflected ray, and normal are on the same plane. The angle of incidence is equal to the angle of reflection. Fig: refer text	3
<b>30.</b>	Give reasons: a) Astronauts wear specially designed suits in space exploration. – To maintain the pressure and air supply b) Sharp knives have very thin edges. – To cut easily as pressure increases c) Powder is sprinkled on the carom board before the game. – To reduce friction	3
<b>31.</b>	Refer text	3
<b>THE END</b>		

**Prepared by:** Mr Arun George & Ms. Remya Raj

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