

DELHI PUBLIC SCHOOL, JAMMU
HALF YEARLY REVISION SHEET
SESSION (2019-20)

Class: VIII

Subject: Science

TOPICS: 1. CROP PRODUCTION AND MANAGEMENT

- 2. MICROORGANISMS: FRIEND AND FOE
- 3. MATERIALS: METALS AND NON-METALS
- 4. REPRODUCTION IN ANIMALS

5. REACHING THE AGE OF ADOLESCENCE

- 6. FORCE AND PRESSURE
- 7. FRICTION
- 8. SOUND

SECTION- A
Multiple Choice Questions

1. Malaria is caused by _____
(a) Viruses (b) bacteria
(c) protozoa (d) fungi
2. Applying grease to the hinges of a door, _____
a) increases friction b) increases force
c) decreases friction d) decreases force
3. Cigarette smoking increases the risk of _____
a) goitre b) excessive growth
c) lung cancer d) dwarfism
4. The function of testes is to produce _____
a) ovum b) eggs
c) semen d) sperms
5. Frictional force always opposes _____
a) work b) power
c) motion d) energy
6. Lactobacillus bacteria help make _____
a) bread b) pastries
c) algae d) fungi
7. The male gametes are called _____
a) ovum b) eggs
c) sperms d) zygote
8. Sound travels fastest in _____
a) solids b) liquids
c) gases d) all mediums
9. A car is moving towards south-west direction. The force of friction is acting towards _____ direction.
a) north-west b) south-east
c) north-east d) south-west
10. Which of the following is a plant disease?
a) botulism b) anthrax
c) athlete's foot d) rust

Circle the odd Ones. Give reason for your choice.

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|-----------------------|------------------|-----------------|--------------------|
| 11. a) Ploughing | b) Pesticides | c) Manuring | d) Leveling |
| 12. a) Aluminium | b) Iron | c) Copper | d) Bismuth |
| 13. a) Vagina | b) Uterus | c) Ovary | d) Testes |
| 14. a) Ammonification | b) Nitrification | c) Fermentation | d) Denitrification |
| 15. a) AIDS | b) Influenza | c) Malaria | d) Chickenpox |

Very Short Type Questions

16. What is meant by IVF?
17. What is meant by 'reactivity series of metals'?
18. What is pasteurisation?
19. What are viviparous animals? Name any two viviparous animals.
20. How are the sex chromosomes represented in males and females?

SECTION- B

Short Type Questions

21. What is crop rotation? How do leguminous plants increase soil fertility?
22. A box is 30cm long, 10cm wide. It weighs 24N and is lying on the ground. Find the area of contact.
23. How does an Amoeba reproduce by binary fission? Explain with the help of labelled diagram.
24. What is the difference between menarche and menopause?
25. Explain why astronauts wear specially designed spacesuits?
26. Explain why rolling friction is less than sliding friction?
27. Write any five measures to reduce noise pollution.
28. How is the sex determined in human beings? Explain with the help of flow chart.
29. What happens when the following metals reacts with oxygen? (Write chemical equation)
a) Magnesium b) Sulphur c) Iron
30. What is meant by 'rusting of iron'? Give two characteristics of alloys.

SECTION- C

Long Answer Type Questions

31. Draw a neat labelled diagram of female reproductive system. Explain briefly the function Vas Deferens.
32. State any five physical properties on the basis of which metals can be distinguished from non metals
33. Explain any two methods of food preservation. Also discuss the advantages of food preservation.
34. Draw a well labelled diagram of human ear and explain its working.
35. What are the characteristics of sound? Define them in detail.
36. (a) What is reproductive health?
(b) Give the location and functions of following endocrine glands:
(i) Pituitary (ii) Thyroid (iii) Ovary (iv) Adrenal gland