CLASS 7th

 sample Paper (Science) M.M- 90

**MCQ**

1. Fruit develops from **1x6=6**
	* 1. Ovary
		2. Leaves
		3. Petals
		4. Ovule
2. Yeast reproduces asexually by
3. Fragmentation
4. Budding
5. Spore formation
6. Vegetative propogation
7. Female reproductive part of flower is
8. Sepals
9. Pistils
10. Stamens
11. petals
12. The process of separating hair of different texture is
13. Scouring
14. Sheering
15. Sorting
16. Spinning
17. Which option best describes a tropical region?
18. Cold and humid
19. Moderate temperature ,heavy rainfall
20. Hot and humid
21. Hot and dry
22. The silk thread is made up of
23. Fat
24. Protein
25. Vitamins
26. minerals

 **Fill ups 1x7=7**

1. Seeds dispersed by wind are \_\_\_\_\_.
2. \_\_\_\_\_ alga is known as pond scum.
3. \_\_\_\_\_ is an example of unisexual flower.
4. \_\_\_\_\_ contains the male reproductive cell.
5. Onion grows from \_\_\_\_\_.
6. Soil air is important for roots to carry out \_\_\_\_\_.
7. \_\_\_\_\_ organism is known as nature’s ploughman.

**1 mark question 1x6=6**

1. Name the method of charging an object which do not require any direct physical contact b/w the objects?
2. Name the device used to protect tall buildings from lightning?
3. Name the scientist who discovered the device lightning conductor?
4. Name 2 artificial methods of vegetative propogation?
5. Name the soil which can retain more water?
6. Which organism is known as natures ploughman?
**2 Mark questions 2x10=20**
7. Like charges \_\_\_\_\_ each other.

 Unlike charges \_\_\_\_\_ each other.

1. Define earthing ?
2. How does soil get polluted ?
3. Difference between infilteration and percolation rate?
4. Why is dispersal of seeds necessary for growth of healthy plants?
5. Difference between vegetative and reproductive parts of flower?
6. Difference between unisexual and bisexual flowers?
7. What is neutralization reaction give example?
8. What is decomposition reaction explain with example?
9. Difference b/w weather and climate?  **3 marks questions 3x7=21**
10. What is vegetative reproduction? What are its advantages?
11. Explain the working of lightning conductor?
12. Explain method of charging up an object by friction?
13. Charges are always produced in pairs. Explain
14. List some precautions if you are caught in open during lightning?
15. What is soil erosion? How it can be prevented?
16. Write the adaptations of polar bear?

**5mark questions 5x6=30**

1. a) Explain the process of asexual reproduction in yeast?

 b)What is the significance of dispersal of seeds? Name the method of dispersal of seeds in-

1. Xanthium
2. Pea
3. Coconut
4. Sunflower
5. I) How do ferns and mosses reproduce?

ii) Name the method of asexual reproduction in

* 1. Spirogyra
	2. Bread mould
	3. Yeast
1. When we put iron nail in copper sulphate solution colour of solution changes into light green why? Expain with reaction?
2. Write chemical formula of
	* 1. Zinc oxide
		2. Aluminium chloride
		3. Magnesium sulphate
		4. Sodium oxide
		5. Calcium sulphate
3. Write the steps to write chemical formula of substance?
4. Explain the life cycle of silkworm with diagram?