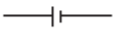
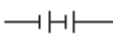
TERM II SAMPLE PAPER - 2
MARKING SCHEME
SUBJECT – SCIENCE
CLASS - VII

SECTION A OBSERVTION AND REPORTING

1. The water-bearing layer of the earth is

Aquifer.

2.symbols to represent cell and battery

Connecting wires	
Switch in 'on' position	
Bulb	
Cell	
Switch in 'off' position	
Battery	

3.CAPILLARIES

4.Distance travelled per unit time.

5.FERTILIZATION

6.MCB

7.CONVEX

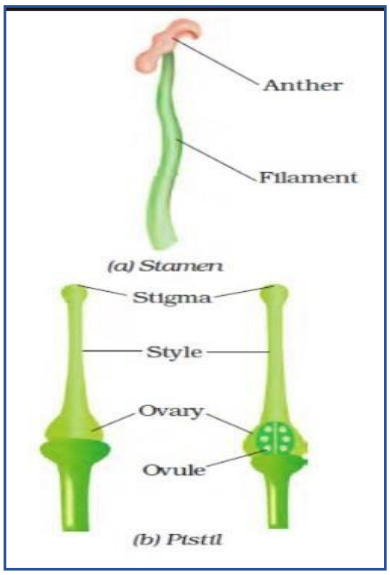
8. HERBS

9. REFLECTION

10.Because of the release of oils and fats in **drains it hardens the soil in sewage pipes** and blocks them.

SECTION B IDENTIFICATION

Q11. Identify and label the plant reproductive parts:-(2)



12. Identify the mirror in the picture and write its 2 uses.



Uses Of Concave Mirror

- Shaving mirrors.
- Head mirrors.
- Ophthalmoscope.
- Astronomical telescopes.
- Headlights.
- Solar furnaces.

Q 13 Observe the picture and write why the picture 1 is marked as wrong and picture 2 as right?

Pictures 1 is marked worng because garbage is thrown into sink directly.

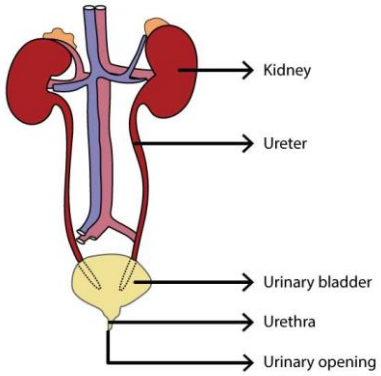
Picture 2 is marked right because garbage is thrown into dustbin properly.

14. Identify the reason and explain in brief the following: (4)

1.Growing shortage of water
Increase in demand, decrease in supply,Depleting natural resources .
2.Sanitation and diseases are related
Good sanitation and waste management help to keep people separate from potential sources of pathogens. They reduce the risk of contaminating water supplies with pathogens and discourage the transmission of disease.

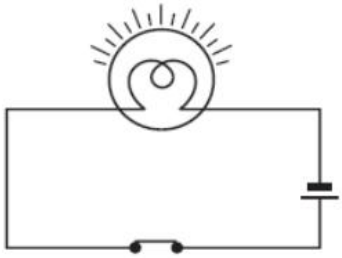
SECTION C DISCOVERY OF FACTS

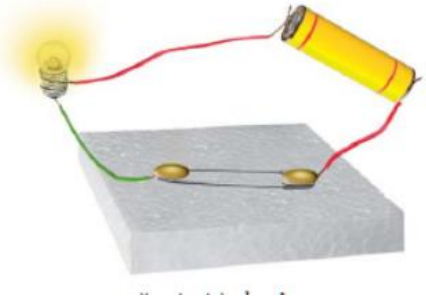
Q15. Draw the diagram of human excretory system and label its various parts. (3)



16. a.When a current is switched on through a wire, the wire starts behaving as a magnet. Hence, when a compass needle is placed near the given current carrying wire, **it gets influenced bythe magnetic effect of electric current** and gets deflected from its North-South position.

b. Draw the circuit diagram to represent this electric circuit.





17. soil pollution can be prevented. (Any three points) (3)

Prevention of soil pollution can be done by (i) **use of manures instead of synthetic fertilisers**. (ii) use of natural pesticides. (iii) avoid dumping of polythene and plastics in soil. (iv) industrial waste should be treated before release in soil.

18. (a)difference between sexual and asexual reproduction? (4)

Asexual Reproduction	Sexual Reproduction
Uniparental	Biparental
Somatic cells are involved.	Germ cells are involved.
It involves the production of asexual spores	It involves the formation and fusion of gametes.
Offsprings are genetically similar to parents.	Offsprings are genetically dissimilar to parents.
The rate of reproduction is faster.	The rate of reproduction is slower.

B .Methods of asexual reproduction?

There are a number of types of asexual reproduction including **fission, fragmentation, budding, vegetative reproduction, spore formation**

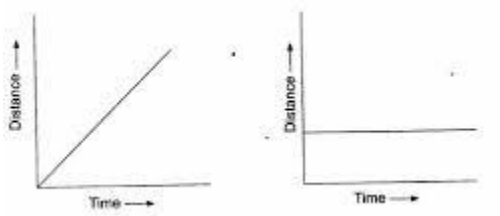
SECTION D

APPLICATION

Q19. Show the shape of the distance-time graph for the motion in the following cases:

(i) A car moving with a constant speed.

(ii) A car parked on a side road.



Q20. Flood is a natural calamity. List some methods to prevent outbreak of flood.

Some of the common techniques used for flood control are planting trees , preventing soil erosion and over mining , the installation of rock beams, rock rip-raps, sand bags, maintenanceof normal slopes with vegetation or application of soil cements on steeper slopes and construction or expansion of drainage. (2)

Q21. What is your role as an active citizen in relation to sanitization in our surroundings?

A citizen has many responsibilities regarding sanitation. Among other things, an active citizen should do the following with regard to maintaining proper sanitation: 1) **Ensure that his surroundings (both inside and outside home) are clean**. 2) Ensure that the sewerage system in his house is properly managed.

Q 22. (a)When does water table get depleted? (2)

Water drawn from under the ground gets replenished by seepage of rainwater. The water table does not get affected as long as we drawn as much water as is replenished by natural process. However, water table may go down if the water is not replenished sufficiently this may happens due to many reasons increase in population industrial and agricultural activities are some common factors which cause depletion in water table.

(b) List any four reasons for depletion of water table.

Various causes of the depletion of water table are:-

1 Increase in population

2 Industrialization

3 Agricultural activities

4 Scanty rainfalls

5 Deforestation