

**INDIAN SCHOOL MUSCAT  
FIRST TERM EXAM (2017-2018) –SCIENCE**

STD : VI \_\_\_\_\_  
DATE: 18 /09/17

MAX MARKS: 80  
TIME: 2 hrs 30 min

NAME: \_\_\_\_\_

ROLL NO. \_\_\_\_\_

**SECTION-1(MARKS: 25)  
(OBJECTIVE TYPE)**

Section 1 should be answered in the question paper itself and attach it to the main answer sheet.

<b>Q1.</b>	<b><u>Fill in the blanks:</u></b>	<b>(6x1=6)</b>
a)	Those substances through which things on the other side can be clearly seen are called _____	<b>TRANSPARENT</b>
b)	Burning of wood is an _____ change	<b>IRREVERSIBLE/CHEMICAL</b>
c)	Opposite poles of two magnets _____ each other.	<b>ATTRACT</b>
d)	Light travels in a _____ line	<b>STRAIGHT</b>
e)	The process by which water disappears from wet clothes is called _____	<b>EVAPORATION</b>
f)	The layer of air around the earth is known as _____	<b>ATMOSPHERE</b>
<b>Q2.</b>	<b><u>Choose the correct answer:</u></b>	<b>(6x1=6)</b>
a)	Which of the following is opaque. (a) air    (b) glass    (c) wood    (d) water	<b>c</b>
b)	Which of the following can be reversed (a) raw egg to boiled egg    (b) batter to idli (c) milk to paneer    (d) cold milk to hot milk	<b>d</b>
c)	Which of these is non magnetic (a) plastic    (b) nickel    (c) iron    (d) cobalt	<b>a</b>
d)	Which of the following is not a part of a flower (a) petals    (b) sepals    (c) mid rib    (d) pistil	<b>c</b>
e)	Cloud contains (a) tiny droplets of water    (b) smoke    (c) salt    (d) air	<b>a</b>
f)	Wind does not help in the movement of (a) wind mill    (b) kite    (c) sail boat    (d) ceiling fan	<b>d</b>

<b>Q3.</b>	<b><u>Write True or False:</u></b>	<b>(6x1=6)</b>
a)	Aquatic animals breathe oxygen dissolved in water.	<b>TRUE</b>
b)	Cooking of food is a reversible change	<b>FALSE</b>
c)	Leaves give out water during photosynthesis.	<b>FALSE</b>
d)	Sun is a luminous object.	<b>TRUE</b>
e)	Lack of rain for a long period of time causes drought.	<b>TRUE</b>
f)	Windmills are used to generate electricity.	<b>TRUE</b>
<b>Q4</b>	<b><u>GIVE ONE WORD FOR THE FOLLOWING :</u></b>	<b>(7x1=7)</b>
a)	The substances which do not dissolve in water	<b>INSOLUBLE</b>
b)	The process by which water vapour changes into water	<b>CONDENSATION</b>
c)	A device used to find directions using directional property of magnets.	<b>COMPASS</b>
d)	The process by which green plants make their food.	<b>PHOTOSYNTHESIS</b>
e)	The objects which do not allow the light to pass through	<b>OPAQUE</b>
f)	The condition caused by excessive rain when the cities and villages get submerged in water.	<b>FLOOD</b>
g)	The change of water to water vapour and back to water occurring in nature.	<b>WATER CYCLE</b>

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**SECTION-II (MARKS- 55)**

**NOTE:** Questions **Q5** to **Q19** carry **one** mark each.

Questions **Q20** to **Q29** carry **two** marks each.

Questions **Q30** to **Q34** carry **three** marks each.

Question **Q35** carries **five** marks.

**Section II should be answered in a separate answer sheet.**

Q5 Which gas is used by the green plants for photosynthesis?

**A5 Carbon dioxide**

Q6 Give one use of a wind mill.

**A6 To generate electricity/ to draw water from tubewells / to run flour mills**

Q7 Why do you feel suffocated when something is burning in a closed room?

**A7 This is due to the accumulation of carbon dioxide in the room.**

Q8 When a can of soft drink from a refrigerator is kept outside, we can notice droplets of water appearing on the can. Why?

**A8 This is because the cooled surface of the glass cools the air around it and the water Vapor of the air condenses on the glass and forms a puddle of water.**

Q9 What are the two rainwater harvesting techniques?

**A9 (a) roof top rainwater harvesting and (b) allowing water to go into the ground directly through roadside drains (1/2 + 1/2)**

Q10 Write two harmful effects of flood.

**A10 damage to crops/ damage to property/ death of animals and human beings (1/2 + 1/2)**

Q11 Give two examples of opaque objects.

**A11 a card board box / a metal cupboard/ a wooden box (1/2 + 1/2)**

Q12 We cannot see our shadow in a dark room. Why?

**A12 This is because there is no light in the room**

Q13 What are climbers?

**A13 Plants which take support of the neighbouring structures/trees to grow are called climbers**

Q14 Which part of the flower contains ovules?

**A14 Ovary/Carpel/Pistil**

Q15 Plastic is not a magnetic material. Why?

**A15 Because it is not attracted towards a magnet.**

Q16 How is a horse shoe magnet stored?

**A16 Horse shoe magnet is stored by keeping a piece of iron across the poles.**

Q17 Why is cooking of food an irreversible change?

**Q17 because it is not possible to get the original substances/vegetables/materials/ingredients back.**

Q18 Which of the following will float on water.

(a) a thermocol block (b) a coin (c) a dry leaf (d) a stone

**A18 (a) a thermocol block (c) a dry leaf (1/2 + 1/2)**

Q19 Name two liquids which mix well with water.

**A19 honey and water/ vinegar and water/ lemon juice and water (1/2 + 1/2)**

Q20 State whether each of the following is due to evaporation **OR** condensation of water

(a) Fog appearing on a cold winter morning.

(b) floor dries up after mopping.

**A20 (a) condensation(1)**

**(b) evaporation(1)**

Q21 Classify the following objects as luminous **OR** non- luminous

(a) A firefly (b) a wooden board (c) a mirror (d) a piece of red hot iron

**A21(a) luminous (b) non- luminous (c) non luminous (d) luminous(1/2 mark each)**

Q22 Mention any two functions of a root.

**A22 (a) Roots anchor the plant (b) absorbs water and minerals from the soil(c) stores food (1+1)**

Q23 Differentiate between herbs and shrubs. (2 points ) (1+1)

**A23 \* Herbs – tender stem, few branches at the base of the stem, short,**

**\*Shrubs – thick stem, many branches high up on the stem, taller than herbs**

Q24 How do magnets lose their magnetic property?

**A24 Magnets lose their property if they are heated/ hammered/ drop from the height/**

**Improper storage. (two points (1+1))**

Q25 (a) A freely suspended magnet always comes to rest in a particular direction. Which is that direction?

(a) How are bar magnets stored?

**A25 (a) North – South direction (1)**

**(b) Bar magnets should be kept in pairs with their unlike poles on the same side.**

Q 26 Classify the following objects as hard or soft :

(a) Diamond (b) wool (c) granite (d) butter

**\*Hard – (a) and (c) (1/2+1/2)**

**\*Soft-- (d) and (b) (1/2 +1/2)**

Q27 What is luster? Which of the following objects have lustre?

aluminium , chalk, cardboard, gold

**A27 Lustre is the shine of a material. (1mark) aluminium and gold (1/2 + 1/2)**

Q28 Why is the metal rim made slightly smaller than the wooden cart wheel?

**A28 This is because the ring expands on heating and fits onto the wheel. (1)**

**When cold water is poured on the rim it contracts and fits tightly onto the wheel (1)**

Q 29 (a) What are translucent objects? Give one example

(b) What type of objects does not cast shadow? Why?

**A29 (a) Some objects through which we can see but not clearly are called translucent objects. (1/2) Ex. Cellophane paper/ tracing paper/ oily paper (any one 1/2 mark)**

**(a) Transparent objects(1/2) because light passes through them completely(1/2)**

Q30 State whether the following changes (can be reversed/ cannot be reversed)?

- (a) Hardening of POP (Plaster of Paris)
- (b) Melting of butter
- (c) Burning of firecrackers
- (d) Bursting of a balloon
- (e) Stretching of a rubber band
- (f) Curdling of milk

**A30 (a) cannot be reversed (b) can be reversed (c) cannot be reversed**

**(d) cannot be reversed (e) can be reversed (f) cannot be reversed (1/2 mark each)**

Q31 Observe the diagram given below and answer the following questions



- (a) Will the two magnets attract each other? Why?
- (b) Write any two uses of magnets.

**A31 (a) Yes (1), because unlike/ opposite poles of two magnets attract each other (1)**

**(b) refrigerators, laptops, mobile phones etc (any Two ) (1/2 + 1/2)**

Q32 Write the three things required for the shadows to be formed.

**A32 \*an opaque object (1) a screen (1) a source of light (1)**

Q33 (a) What is transpiration?

- (b) Cutting of trees leads to less rainfall. Explain.
- (c) Write any two uses of water.

**A33 (a) the process by which plants lose excess of water through leaves in the form**

**Of water vapour (1)**

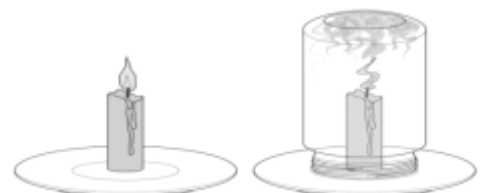
**(b) this is because it reduces transpiration and the amount of water vapour in the atmosphere(2)**

**(c) for agriculture, in the industries, domestic use (any two uses 1/2 mark each)**

Q34 Observe the diagram given below and answer the following questions.

- (a) Why does the candle get extinguished when covered with a glass jar?

**(a) no oxygen supply (1)**



(b) Why do mountaineers carry oxygen

with them?

**(b) because the oxygen is less at high altitudes (1)**

(c) Name the gas which does not support burning?

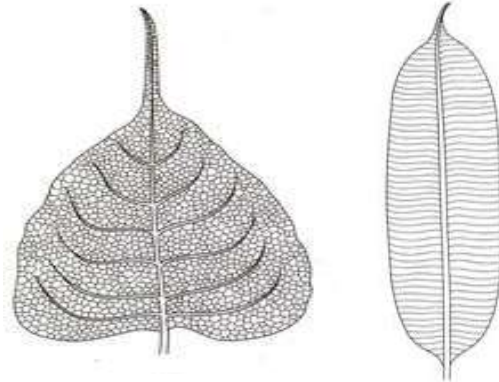
**(c) Nitrogen/carbon dioxide/hydrogen (1)**

Q35 Observe the diagram given below and answer the following questions. (5marks)

(a) Name the type of venation in :

Leaf ( A) \_\_\_\_\_(1/2)

Leaf ( B) \_\_\_\_\_(1/2)



(A)

(B)

**(a) A- reticulate venation , B- parallel venation (1/2+1/2)**

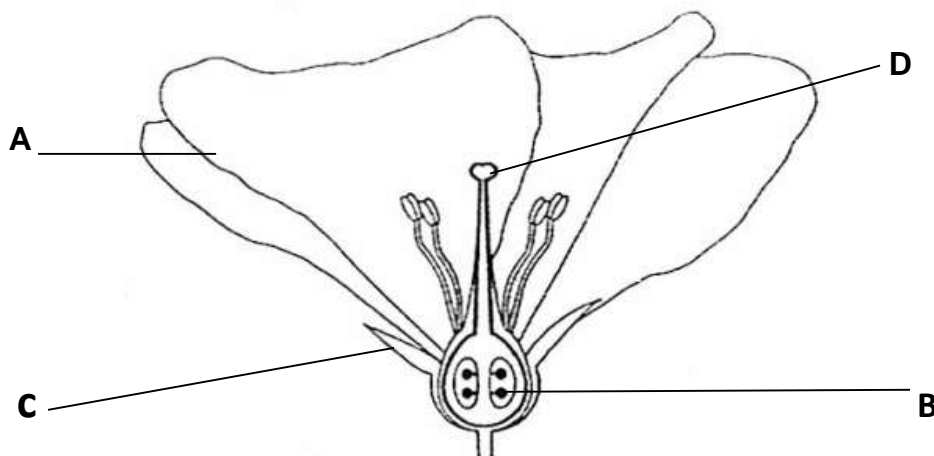
(b) Which leaf will have fibrous roots?

**(b) Leaf B (1)**

(c) What is the function of a stem?

**(c) Stem gives support to the tree/ it transports water, food, and minerals/storage of food(1)**

(d) Label the parts marked A, B ,C, and D



**(d)**

**A - petals, B –ovules, C – sepals, D – stigma (1/2 mark each)**