

ST. JOSEPH'S ACADEMY, DEHRADUN
FINAL EXAMINATION, 2019

GENERAL SCIENCE CLASS VI

NAME OF THE STUDENT..

CLASS.

M.M. 65 TIME 2 HOURS

SECTION .ROLL NO.

SECTION A

Q1. Copy and complete the following statements:

[1X5 = 5]

- (i) A force can change the _____ of a body.
- (ii) _____ helps in supporting a ladder inclined to a wall.
- (iii) The magnets which are made by man are called _____ magnets.
- (iv) Air is highly _____.
- (v) The hump at the back of a camel contains _____.

Q2. Correct and rewrite the following statements:

[1X5 = 5]

- (i) The desert plants that are adapted to cope with a dry and hot environment are called hydrophytes.
- (ii) Pharynx is the voice box.
- (iii) The component of air which is unreactive is oxygen.
- (iv) Static friction is less than sliding friction.
- (v) Permanent magnets are made of soft iron.

Q3. Match the following and rewrite the correct pairs:

[1X 5 = 5]

A		B	
1.	Magnet	1.	Slows down the motion
2.	Nitrogen fixation	2.	Needle like leaves
3.	Hydrophytes	3.	Symbiotic bacteria
4.	Frictional force	4.	North – South direction
5.	Mountain plants	5.	Spongy & flexible stems

Q4. Give one example of each of the following:

[1X5 = 5]

- (i) A free floating hydrophyte.
- (ii) A xerophytes.
- (iii) An epiphyte.
- (iv) A common respiratory disease.
- (v) A desert animal.

Q5. Name the following:

[1X5 = 5]

- (i) A rare gas used in observatory balloons.
- (ii) A gas used in filament bulbs.
- (iii) A gas filled which is a supporter of combustion.
- (iv) A gas which turns lime water milky.
- (v) A gas important for respiration in living organisms.

Q6. Define:

[1X5 = 5]

- (i) Magnetic substance
- (ii) Force
- (iii) Photosynthesis
- (iv) Electromagnet
- (v) Atmosphere

Q7. Draw a flow chart showing the path through which air travels from the atmosphere to lungs.

[5]

SECTION - B

Q8. Give reasons:

[1x5 = 5]

- (i) Why do deep sea divers carry oxygen cylinders?
- (ii) Why are magnets stored in magnetic keepers?
- (iii) Why is Nitrogen filled in food packets?
- (iv) Why do birds have bones with air cavities?
- (v) Why is it difficult to walk on a wet road?

Q9. Answer in one line only:

[1X5 = 5]

- (i) What are Capillaries?
- (ii) What is Friction?
- (iii) What are Epiphytes?
- (iv) Write down the equation for respiration.
- (v) What are magnetic poles?

Q10. Answer the following briefly:

[2X5 = 10]

- (i) Give two ways to demagnetize a magnet.
- (ii) State any two effects of force.
- (iii) Give one advantage and one disadvantage of friction.
- (iv) Give two uses of a magnet.
- (v) Give two adaptations of plants that grow on mountains, like pine and fir.

Q11.. Give TWO differences between each of the following:

[2X5 = 10]

- (i) RBC and WBC
- (ii) Breathing and Respiration
- (iii) Aerobic and Anaerobic respiration
- (iv) Permanent and Temporary magnet
- (v) Xerophytes and Hydrophytes

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