

APPLICATION NO: _____

SWAMINARAYAN VIDYAPITH

NAME: _____

CLASS IX

MODEL TEST PAPER – 2019-20

Science & Social Science

Max. Marks: 30

Time: 30 minutes

Instructions:

Read the questions carefully before you start writing.

Attempt all the questions.

SECTION A - SCIENCE

Q.1 Name the following.

[3]

- (a) The unwanted plants which grow along with the main crop are called _____
- (b) A microorganism that fixes atmospheric nitrogen _____
- (c) The fusion of male & female gametes form _____
- (d) The full form of CNG is _____
- (e) A master endocrine gland of humans _____
- (f) It is called the power house of the cell _____

Q.2 Answer the following questions:

[2]

(a) What is global warming?

(b) Write any two causes of global warming.

Q.3 Complete the following blanks by writing the chemical formula or chemical name as given below:

Chemical names

Chemical formula

[3]

(a) Sulphuric acid

(a) _____

(b) _____

(b) CuSO₄

(c) Nitrogen dioxide

(c) _____

(d) _____

(d) Na

(e) Carbon dioxide

(e) _____

(f) _____

(f) MgO

Q.4(a) What is friction?

[1+1]

(b) Write any two methods to increase friction.

Ans: _____

Q.5 Write two differences between external fertilization & internal fertilisation.

[2]

Ans:

External fertilisation	Internal fertilisation

Q.6 Explain binary fission in amoeba with the help of diagram.

[2+1]



Ans: _____

SECTION B – SOCIAL SCIENCE

Q.1 Identify me:

[3]

1. Energy obtained from nuclei of atom is called-
2. I am famous for IT industry and located on the Deccan Plateau in India-
3. Coal, Natural gas, Petroleum are called-

Q.2 Complete the following information selecting the suitable words.

[3]

1. India is a _____ country.
(a) Democratic (b) Non Democratic (c) Non secular
2. Universal Adult Franchise means right to_____.
(a) Education (b) Vote(c) Constitutional Remedies
3. First Prime Minister of Independent India was _____.
(a) Sardar Patel (b) Gandhiji (c) Jawaharlal Nehru

Q.3 Power resources are broadly classified as:

[1]

- a. _____ b. _____

Q.4 In which states are following Industries located in India?

[2]

1. Tata Iron and Steel Company_____
2. Union carbide Factory_____

Q.5 How are Mountains useful to us?

[3]

Q.6 Name 2 Metallic minerals

[1]

(a) _____ (b) _____

Q.7 Name 2 types of forests.

[1]

(a) _____ (b) _____

Q.8. Name 2 natural fibers.

[1]

(a) _____ (b) _____