



# Brilliant Public School

Seepat Road, Bahatarai, Bilaspur (C.G.)

Annual Examination – 2017-18

Class - VIII

Subject – Science

Time: 2:30 Hrs.

M.M. 80

Date: 09.03.2018

Friday

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**General instruction:**

- Attempting questions are compulsory.
  - All the answer should be written in the provided answersheet with correct question number.
  - Do not write anything in the Question Paper except your Roll No.
  - Overall choices are not given but internal choices are given.
  - Draw diagrams using pencil and label them in block letters.
  - Only blue colour ball point pen should be used for writing. Outline should be drawn after the completion of every answer with pencil.
  - Support the answer with necessary diagram if required. Draw a right side margin to do the rough work/ calculations.
  - \*IV. is a value based question.
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## SECTION-A

### **I. Answer the following in one word.**

1x2=2

Write one word for the following: -

- Empty Structure in the cytoplasm.
- The passage of an electric current through a solution causes

### **II. Answer the following in 20 - 30 words. (Any three)**

2x3=6

- What is food poisoning?
- Compare LPG or wood as a fuel.
- Water is not used to control fires involving electrical equipment. Why?
- What is electroplating? Write the name of any four electroplated articles.

### **III. Answer the following in 30 - 50 words (Any nine)**

3x9=27

- What is corrosion of metals? Write few method of preservation of corrosion.
- What will happen when the gas evolved by burning of sulphur is dissolved in water? What colour will change of litmus paper?
- Draw a mind map on modes of reproduction.
- Make a list of names of endocrine glands and hormones secreted by them.
- Why the truck tyres are broader than the car tyres?
- (a) Out of sliding friction, static friction and rolling friction:
  - Which one is the smallest?
  - Which one is the largest?(b) Explain why sliding friction is less than static friction.
- Write the difference between noise and music? Can music become noise ever?
- Differentiate regular and diffused reflection of light.

9) Name the cells present in the retina of a human eye.

(a) Which are sensitive to intensity of light?

(b) Which produces the sensation of colour?

10) Write short notes on any two:-

(a) Asteroids (b) Comets (c) Meteorites

**IV. VBO**

**3**

One fine day Rohan went to the market with his mother to purchase a new school bag and he selected one out of it. The moment he showed it to his mother, at once she rejected it as it had wide strap in it. She asked him to choose another one.

(a) What values are shown by Rohan's mother?

(b) Why Rohan was asked to choose another bag?

**V. Answer these questions 40-60 words (Any six)**

**5x6=30**

1) What is an artificial satellite? Name any two artificial satellite launched by our country. What are its uses?

2) (a) What are the defects of vision?

(b) Draw a labelled diagram of human eye.

3) Explain the working of ear with the help of a labelled diagram.

4) What is vibration? Define its three characteristics? What is the relation between frequency and time-period of a vibration?

5) Describe how adolescents should take care of the mental, social and physical health.

6) What is a sexual reproduction? Name the method of a sexual reproduction in animals.

7) What are the different shapes of cell found? Also write the function of cell?

**SECTION-B**

**VI. Answer these questions (Any six)**

**2x6=12**

1) After consuming a dish of *paneer*, a person complains of nausea, vomiting, diarrhoea and abdominal pain:-

(a) What type of disease is he suffering from?

(b) What causes this disease?

2) Name any two human diseases caused by (a) bacteria (b) fungi

3) What type of combustion is represented by (a) ignition of a cracker? (b) Burning of LPG in a gas stove?

4) Name two substances having low ignition temperature and two having high ignition temperature.

5) What kind of friction comes into play:-

(a) When a block of wood kept on table moves slowly?

(b) When a block of woods kept on cylindrical iron rods moves?

6) Which effect of electric current is utilised for detecting the flow of current through a solution:-

(a) When a torch bulb is used?

(b) When a compass is used?

7) What is infrasonic sound? Name the animals which communicate through it.