

**SUMMATIVE ASSESSMENT – 2 (2015-16)**

**CLASS – VIII**

**SUBJECT –SCIENCE**

**Time : 2 ½ Hrs.**

**M.M. - 60**

**General Instruction**

**1.All question are Compulsory.**

**2.Q.no 1-8 are of 1marks ,Q.no.09-14 are of 02 marks Q no.15-19 are of 03 marks,q.no.20-21 are of 05 marks Q.no.24-28 (MCQ) is of 01 marks.**

**3.Qno.22 & 23 are of OTBA will be supplied by KVS RO Patna.**

**Answer all the questions :-**

- 1.Name the process by which coal is formed from dead vegetation.
- 2.What is ignition Temperature?
- 3.What is red data book?
- 4.Define time period.
- 5.Write the characteristics of image formed by a plane mirror.
- 6.write two examples of rabi crops.
- 7.Name the instrument used to detect charge of a body.
- 8.Name the device used to protect Building s from the effect of lightning.
- 9.What is binary fission.
10. a pendulum Oscillates 50 times in 5 seconds. find its time periods and frequency.
11. State the laws of reflection.
- 12.Explain why a charge body loses its charge if we touch it with our hand.
- 13.What is Constellation ?Give an Examples.
- 14.Mention any six Agricultural Practices.
- 15.Indicate Weather the following statement are true or false.
  - i)A Zygote is formed as a result of fertilization.
  - Ii) an embryo is made of a single cell.
  - iii) Fertilization is necessary even in as actual reproduction.
- 16.What are the causes and consequences of deforestation.
17. define the following:-

a)Frequency

b)Amplitude.

18.Draw a lable a sketch of human eye.

19.What is an artificial satellite? Write four uses of artificial satellite/

20.Exaplain the process of formation of coal and petroleum .

21.Design and experiment to show5that air is essential for burning

22. What are renewable and non-renewable source of energy? What will happen if all the non-renewable resources get exhausted?

23. Today large demand of petroleum has increased its drilling from various resources. What will happen if it continues? What steps should be taken in order to mitigate such conditions?

Choose the correct option in the following

24.A tadpole develops into an adult frog by the process of

a) Fertilisation

b)Metamorphosis

c)Embedding

d)Budding

25.An ecosystem is made of

a) plants

b)animals

c)Microorganisms

d) all of these

26.In Punchmarhi Biosphere Reserve Bison ,Indian gaint squarrel are found they are the example of

a)endemic species

b)endangered species

c)extict species

d) None of these.

27.Which of the following cannot be easily charged by friction?

a)A plastics scale

b) an infleted balloon

c) A woolen cloth

d) A copper Rod.

28.Rhizobium bacteria present in Root nodules of leguminous crops help in

a)Crop rotation

b) Transplantation

c)Nitrogen Fixation

d) Transpiration