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PHYSICAL SCIENCE

FORMATIVE ASSESSMENT-IV

CLASS: 8 **(2019-2020)** **Max.Marks:20**

NAME OF THE STUDENT:_____ **ROLL NO:**_____

I)Answer the following questions **4X1=4M**

1. If a way incidence normally on a plane minor, what will be the angle of reflection?
2. Give two examples of effects in your daily life caused by transfer of charges
3. Why is Venus the brightest planet?
4. How do day and night occur?

II) Answer the following questions. **2x2=4M**

5. What are the questions that engage your mind your when you look at night sky?
6 .Suggest two measures to protect ourselves from lightning

III) Answer the following questions. **2x4=8M**

7. How do you verity the 1st law of reflection of light with an experiment?

(OR)

Discuss the merits and demerits of using mirrors in building elevation

8. If earthquake occurs in your area, what will you do?

(OR)

How can you find north-south direction at your place?

IV)Choose the correct answer from the given choices **8x1/2=4M**

9. Which of the following mirror is used as rear view mirror? [ ]
   A)Concave B)Convex C)Plane D)Combination of concave and convex
10. Identify the correct with respect to the image in a plane mirror [ ]
   i.Virtual ii.Real iii.Inverted iv.Erected
   A)i,iii B)ii,iv C)i,iv D)ii,iii
11. Which of the following cannot be charged easily by friction [ ]
   A) Plastic Scale B) Copper rod C)Woolen cloth D)Piece of wood
12. Match the following [ ]

P)Mars	X)Giant planet
Q)Venus	Y)Red planet
R)Jupiter	Z)Morning star

   A)P-Y,Q-X,R-Z B)P-Y,Q-Z,R-X C)P-Z,Q-X,R-Y D)P-Z,Q-Y,R-X
13. Lunar eclipse occurs on [ ]
   A) Full moon day B)New moon day C)Daily D)Monthly
14. Our sun is a star in_____galaxy [ ]
   A)Orion B)Milky way C)Ursa major D)Ursa minor
15. The process of transferring charge from a charged object to earth is called[ ]
   A)Earthing B)Lighting C)Thunder D)Blowing
16. The power of earthquake can be expressed in terms of _____scale [ ]
   A)Pauling B)Milliken C)Kelvin D)Ritcher