

Annexure I

Table no 6 – Marks obtained by class 8C students in control group and Marks obtained by class 8D students in experimental group

Serial no.	Marks obtained Out of 30 (control group)	Marks obtained Out of 30 (experimental group)
1	22	24
2	29	11
3	25	16
4	19	15
5	13	21
6	21	25
7	24	23
8	27	13
9	20	20
10	16	25
11	30	9
12	26	27
13	9	22
15	18	17
16	23	21

Annexure II

Science Question Paper

Class- VIII

Total marks-30

Time: 45mins

General Instructions:

1. All questions are compulsory.
2. The question paper consists of 30 questions and is divided into 2 sections, A and B.
3. Section A comprises question numbers 1 to 13. These are MCQs of one mark each.
4. Section B comprises question numbers 14 to 30. These are one liner of one mark each.

SECTION A

Multiple choice questions

1. When all the parallel rays reflected from a rough and irregular surface are not parallel, the reflection is known _____
A) multiple reflection C) regular reflection
B) lateral inversion D) diffused reflection
2. The angle between normal and incident rays is called the _____
A) angle of incidence C) angle of reflection
B) angle of refraction D) normal
3. Which part of the eye protects the interior from accidents?
A) Pupil C) Retina
B) Cornea D) Rods
4. Which one of the following works on the basis of multiple reflections?
A) kaleidoscope C) Microscope
B) Telescope D) Periscope
5. Angle of incidence is _____ equal to the angle of reflection.
A) sometimes C) never

- B) always
D) almost
6. White light consists of _____ colours.
A) six
C) seven
B) eight
D) nine
7. Which one of the following is a star?
A) Sun
C) Moon
B) Earth
D) Venus
8. _____ is a constellation which looks like distorted letter W or M.
A) Orion
C) Great bear
B) Cassiopeia
D) Leo major
9. Which one of the following is a natural satellite of the earth?
A) Venus
C) Mercury
B) Sun
D) Moon
10. Which one of the following statement is false about the Uranus?
A) Uranus is the innermost planets of the solar system.
B) Uranus also rotates from east to west.
C) Uranus has highly rotational axis.
D) Uranus can be seen only with the help of large telescopes.
11. Artificial satellites are used for _____
A) weather forecasting
C) remote sensing
B) transmitting radio signals
D) all of these
12. _____ is the source of almost all energy on the earth.
A) Satellites
C) Stars
B) Sun
D) Moon
13. The gap between the orbit of mars and jupiter is _____
A) meteorite
C) meteor
B) asteroid
D) comet

SECTION B

One liner questions

14. Image formed in a plane mirror undergoes _____
15. Name the part of the eye which gives distinctive colour.
16. The lens focuses light on the back of the eye on a layer called _____
17. What is blind spot?
18. _____ are sensitive to bright light in eye.
19. Some person may lose their eye sight because of a _____ or an _____
20. Who developed a system for visually challenged person and published it in 1821?
21. Give any two uses of periscope.
22. The impression of an image does not vanish immediately from the retina. It persists there for about _____ of a second
23. The study of celestial objects and associates phenomenon is called _____
24. After the full moon day, the sunlit part of the moon visible from the earth _____ in size every day.
25. Which is the brightest star in the sky?
26. What is the distance of the sun from the earth?
27. Stars appears to move from _____ to _____
28. Define constellation.
29. Name the planet which is denser than water.
30. _____ landed on the moon for the first time.