

Half yearly Examination, 2021 class- 8 subject - Science

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Section : Class-VIII Sec-A

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SCORE

○ Correct	77.5%	31
○ Wrong	22.5%	9
○ Skipped	0%	0

$$\frac{31}{40}$$

78%

Note: This score is not final

1. Two Forces are Acting on an object. What is the Net Force Across Them ?

The difference between the forces

0/1 Marks

2. While sieving grains, small pieces fall down. Which force pulls them down ?

Gravitational force

1/1 Marks

3. Pascal is the SI unit of

None of the above

1/1 Marks

4. A brick is kept in two different ways on a table as shown below. The pressure exerted by the brick on the table will be

maximum in B position

1/1 Marks

5. Which of these can a force acting on an object not change?

mass

1/1 Marks

6. Friction always

opposes the motion

1/1 Marks

7. The force of friction comes into play

irrespective of whether the objects are solid, liquid or gaseous.

1/1 Marks

8. It is easy to play on dry floor as compare to an oily floor because

Force of friction is higher in dry floor

1/1 Marks

9. A bullet train has a pointed or tapering front / head. Why?

To reduce the friction of air

1/1 Marks

10. Friction is not dependent on Contact area between two surfaces.

False

0/1 Marks

11. Force of friction will act always

opposite to applied force

0/1 Marks

12. Magnesium + Hot water =



basic oxides.

0/1 Marks

14. Which of the following is least reactive

Gold

0/1 Marks

15. Assertion: gold is preferred for making jewellery. Reason: Gold do not react with oxygen as well as water.

Both are correct.

0/1 Marks

16. In double displacement reactions

more reactive metal displaces a less reactive metal.

1/1 Marks

17. Cotton is a natural polymer. What is its chemical name?

Cellulose

1/1 Marks

18. one day Misme found many of her clothes of various fabrics were not fitting her. She thought of burning them to get rid of them. But her father strictly opposed to burn clothes. Why Misme's father should not burn synthetic clothes?

Burning may release poisonous gases.

1/1 Marks

19. The process of formation of petroleum is/ are

Both of the above

1/1 Marks

20. Name the products obtained when coal is heated in the absence of air.

Coke

1/1 Marks

21. Wind, sun and hydropower are

renewable

1/1 Marks

22. Least polluting fuel for a vehicle is

CNG

1/1 Marks

23. Why isn't hydrogen gas used as a industrial fuel ?

It is extremely inflammable,

0/1 Marks

24. Which of these is present in animal cell ?

cytoplasm

1/1 Marks

25. Which organelle is responsible for production of energy in a cell?

mitochondria

1/1 Marks

26. Ribosome makes.....

proteins

1/1 Marks

27. Robert Hooke observed first cell in the year.....

1665

1/1 Marks



1/1 Marks

29. WWF is

World life fund for Nature

1/1 Marks

30. which one is extinct

dodo

1/1 Marks

31. The Red list and red Data Book show list of

species that are at the risk of extinction

1/1 Marks

32. nucleus is separated from cytoplasm by

nuclear membrane

1/1 Marks

33. How many tigers where reserve were there in India in 2019 ?

50

0/1 Marks

34. An electron microscope magnified an object over thousands Times .

20

0/1 Marks

35. which unicellular has no definite shape ?

Amoeba

1/1 Marks

36. If the population of an animal is reduced to zero then it will become

extinct

1/1 Marks

37. Name the bird which is champion of migration?

Arctic Tern

1/1 Marks

38. which of these is multicellular ?

mushroom

1/1 Marks

39. A tiger reserve can be called as a biosphere reserve.

False

1/1 Marks

40. of plants contain cellulose

cell wall

1/1 Marks