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Standard : 3

S.A-2 Revision [2018-19]

Subject : Science

Exam : S. A. 2

Revision [2018-19]

Standard : 3
Science paper style

Total Marks : 60

Q.1 Tick the correct answer [20]

Q.2 choose the correct words and
fill in the blanks [10]

Q.3 Write 'T' for true and 'F' for
false statments. [10]

Q.4 Answer the following questions [10]

Q.5 Explain the following terms [06]

Q.6 Join the following column [04]

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પેટા પ્રશ્ન
ક્રમાંક

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Q. 1 Tick the Correct option

1. You should always walk on the ____.
   (a) middle of the road
   (b) footpath
   (c) none of these

   Ans [b] footpath

2. You should not play with ____.
   (a) toys   (c) balls
   (b) blades

   A. [B] blades

3. You should always play on/in the ____.
   (a) playground   (c) stairs
   (b) floor

   A. [a] playground

4. Which of these should you use to sharpen your pencil?
   (a) knife   (c) sharpener
   (b) blade

   A. [c] sharpener

5. Our earth is surrounded by a layer of air called ____.
   (a) carbon dioxide   (c) oxygen
   (b) atmosphere

   A. [B] atmosphere

6. Plants use _____ for photosynthesis.
   (a) oxygen
   (b) carbon dioxide
   (c) nitrogen
A. (a) Oxygen

7. About 70 % of our body weight is _____.
   (a) water
   (b) air
   (c) blood
A. (a) water

8. Change of steam into water is called _____.
   (a) evaporation
   (b) melting
   (c) condensating
A. (a) evaporation

9. Scorching hot wind which blows in summer is called _____.
   (a) air
   (b) loo
   (c) steam
A. (b) Loo

10. Floods cause damage to _____.
    (a) life   (c) both (a) and (b)
    (b) property
A. (c) Both (a) and (b)

11. Which of the following can uproot trees ?
    (a) breeze
    (b) storm
    (c) Loo
A. (b) storm

12. The sun's rays fall straight at/in the _____.
    (a) noon
    (b) evening
    (c) morning
A. (a) noon

13. A planet revolves around the _____.
    (a) sun
    (b) moon
    (c) earth
A. (a) sun

14. Which of the following is a dwarf planet ?
    (a) Mercury
    (b) Pluto
    (c) Mars
A. (b) Pluto

15. The shape of the earth is _____.
    (a) round
    (b) square
    (c) flat
A. (a) round

16. In the ancient time, people believed that the earth was ___.
   (a) oval
   (b) triangular
   (c) flat
A. (c) flat

17. What is the shape of the moon?
   (a) Square
   (b) Round
   (c) Triangular
A. (b) Round

18. Increase in the size of moon is called ___.
   (a) waning
   (b) Waxing
   (c) phases of the moon
A. (b) Waxing

19. The pole star always appears in the ___ sky.
   (a) east
   (b) north
   (c) South
A. (b) north

20. Which of these does not have its own light?
   (a) moon   (c) sun
   (b) star
A. (a) moon

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21. Which of the following constituents of soil is made from dead and decaying matter?
(a) Gravel   (c) Humus
(b) Clay
A. (c) Humus

22. Which of the following kinds of soil is very fertile?
(a) Loamy   (b) Sandy   (c) clayey
A. (a) Loamy

23. _____ is the smallest and finest particles of soil.
(a) Gravel   (b) Sand   (c) clay
A. (c) clay

24. _____ is called the farmer's friend.
(a) Earthworm   (b) Centipede   (c) Rat
A. (a) Earthworm

25. A thermometer measures the temperature in degree _____.
(a) gram   (b) Second   (c) celsius / fahrenhit
A. (c) celsius / fahrenheit

26. There are ___ days in a leap year.
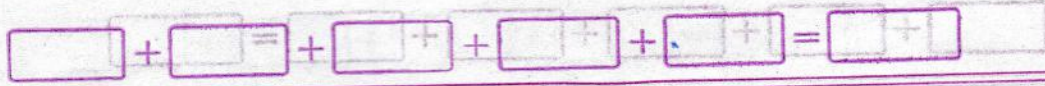(a) 364   (b) 365   (c) 366
A. (c) 366

27. 1 hour = _____ seconds
    (a) 60 seconds   (b) 3600 seconds
    (c) 6300 seconds
    A. (b) 3600 seconds

28. Our house should be _____.
    (a) airy   (b) well-lit   (c) both (a),(b)
    A. (c) both (a) and (b)

29. Every room in the house should
    be _____.
    (a) dark   (b) airy   (c) dirty
    A. (b) airy

30. Our house protects us from _____
    (a) heat   (b) cold   (c) both (a), (b)
    A. (c) both (a) and (b)

31. Your mother cooks food in the _____
    (a) dining room   (b) kitchen
    (c) study room
    A. (b) kitchen

32. 1 litre = _____ millilitres
    (a) 1000   (c) 10
    (b) 100
    A. (a) 1000

33. A metre road is used for measuring
    _____?
    (a) weight   (b) length   (c) temprature
    A. (b) length

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34. Time is measured in ___
(a) minutes   (b) ton   (c) litre
A. (a) minutes

35. Degree Celsius denoted by ___.
(a) °C   (b) °F   (d) none
A (a) °C

36. Degree Fahrenheit denoted by ___.
(a) °C   (b) °F   (c) none
A. (b) °F

37. The sun is a huge ball of ___.
(a) hot gases   (b) heavy gases
(c) rocks
A. (a) hot gases

38. The fixed path in which the earth moves is called ___.
(a) truck   (b) orbit   (c) way
A. (b) orbit

39. Earth that faces the sun has ___.
(a) day   (b) night   (c) none
A. (a) day.

40. 1 Centimetre = ___ millimetres
(a) 10   (b) 100   (c) 1000
A. 10.

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Q.2 Write 'T' and 'F' for the statments.

1. We must cross the road only at the zebra crossing : T

2. Do not disturb the bus driver : T

3. Do not keep things like knives, scissors, blades etc. in your bags : T

4. We must empty dustbins at the road : F

5. A good house should have a proper drainage system : T

6. More trees should be grown around the house : T

7. Weight is measured in litres : F

8. A clinical thermometer mesures our body temperature : T

9. Time is measured in secounds, minutes, and hours : T

10. Plants cannot grow without soil : T

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11. Soil is formed of very fine pieces : T

12. We can survive without air only for a few months : F

13. Air contains nitrogen, oxygen, and carbon dioxide. T

14. Breeze causes a lot of damage : F

15. strong winds are called Loo. F

16. Weather can change even from hour to hour : T

17. The earth completes one rotation in 24 hours T

18. The earth has two types of movements : T

19. The moon moves around the earth : T

20. The pole star always appears in the north sky : T

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Q. 3 Choose the Correct words and fill the blanks.

1. Always walk on the _____ .
   (road / Footpath)
   => Footpath

2. We should not play with _____ .
   (toys / Fire)
   => Fire

3. Stand in a _____ while waiting for a bus at the bus stop.
   (queue / group)
   => queue

4. Ice is the Solid form of _____ .
   (water / gaseous)
   => water

5. Polluted air causes many _____ .
   (diseases / germs)
   => diseases

6. Steam is the _____ form of water. (liquid / gaseous)
   => gaseous.

7. A high-speed wind is called _____ (cloud, storm)

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⇒ storm

8. Clouds are formed by the evaporation of water. (water/air)

⇒ Water

9. Soft and gentle wind is called _____. (breeze / storm)

⇒ Breeze

10. The shape of the Earth is _____. (square / round)

⇒ round

11. A planet revolves around the _____. (Sun / moon)

⇒ Sun

12. The moon takes _____ days to complete one rotation (29½ / 28)

⇒ 29½

13. There are more than _____ known constellations. (88 / 108)

⇒ 88

14. Plants cannot grow without _____. (soil / particles)

⇒ Soil

15. 1 hour = _____ seconds (3600 / 6300)

⇒ 3600

16. 1 ton = _____ kilograms (100 / 1000)

=> 1000

17. 1 metre = _____ centimetres (100 / 1000)

=> 100

18. 1 litre = _____ millilitres (100 / 1000)

=> 1000

19. We use dining room for _____ (eating, cooking)

=> eating

20. Dustbin must be emptied on / at the _____. (Dumping place / road)

=> Dumping place.

Q.4 Answer the following questions.

1. why should we follow safety rules ?
=> Safety rules save us from accidents.

2. what is first aid ?
=> The immediate help given to an injured person is called first aid.

3. what makes the air clean and fresh ?
=> Plants makes the air clean and fresh.
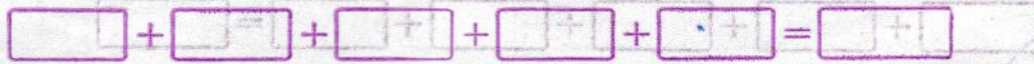
4. what is air pollution ?
=> Mixing up of dust and smoke with air is called air pollution.

5. why are storms dangerous ?
=> Storms can uproot trees, poles and even damage buildings.

6. In what ways does weather causes a change our lives ?
=> The change in weather causes change in our eating, habits, way of clothing and daily activities.

7. What is the shape of the earth?
=> The earth is round in shape.

8. What is revolution?
=> The movement of the earth around the Sun is called revolution

9. why does the earth look blue from space?
=> The earth looks blue in colour due to the presence of water on it

10. what causes change in seasons?
=> The movement of the earth around the Sun causes change in seasons.

11. Why does the Sun appear very small?
=> The Sun is far from the earth. So, it appears very small.

12. what is a full moon?
=> Within two weeks after new moon we see the moon in its full size. This is called full moon.

13. Name any four non-standard units.
=> Hand span, cubit, foot stride, finger

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14. What are the units for measuring length?

⇒ Metre, centimetre, millimetres, and kilometre.

15. Which unit will you use to measure your body weight?

⇒ We will use kilogram to measure our body weight.

16. How many days are in the leap year?

⇒ 366

17. why we need a house?

⇒ A house protects us from heat, cold and rain. So, we need a house

18. why should the rooms be well-lit?

⇒ The rooms should be well-lit because sunlight keeps the room dry and free from germs.

19. What features should a good house have?

⇒ A good house should be airy and well-lit

20. How many minutes make one hour?

⇒ 60 minutes

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Q.5 Explain the following terms.

1. Satellite :

A healthy body that moves around a planet is called a Satelite.

2. New moon :

We do not see the moon at all when it is between the Earth and the Sun. It is called the new moon.

3. Waxing :

Increasing size of the visible moon is called waxing.

4. Weather forecasting :

Advance information about weather is called weather forecasting

5. Revolution :-

The movement of the earth around the sun is called Revolution.

6. Gibbous moon :

          When we see more
than half of the moon,
it is called the Gibbous moon

Q.6 Join the following Column.

[1] Column A   Column B

1. °F   60 seconds
2. Monsoon   Degree Fahrenheit
3. our rooms   should be well-lit
4. 1 minute   Rainy Season

[2] Column A   Column B

1. °C   Degree · Celsius.
2. Revolution   100 Centimetres
3. 1 kilometre   1000 metres
4. 1 metre   movement of earth

[3] Column A   Column B

1. Wind   Hard part of land
2. Breeze   moving air
3. Soil   slow moving wind
4. Rock   top most soft layer of the Earth