



PHOENIX PUBLIC SCHOOL

ISANPUR, AHMEDABAD - 382443.

Seat No. :

EXAM

DATE :

Ques. No.	Total Marks	Marks Obtain
1		
2		
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4		
5		
6		
7		
8		
TOTAL		

STD. / CLASS :

SUBJECT :

MAIN 1 + Supplements = TOTAL

Supervisor's Sign.

Examiner's Sign.

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Exam - SA-2. Std 5th

Revision

Sub - science Year - 2016 - 2017

Part - A

M.C.Q

1) Air does not contain

(a) argon

(c) nitrogen

(b) sulphur

(d) oxygen

2 How many valves does a water pump have?

(a) one

(c) three

(b) two

(d) four

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3 Besides gases air also contains

- (a) smoke (b) nitrogen
 (c) dust (d) All of these

4 It does not work by air pressure

- (a) syringe (b) siphon
 (c) fan (d) water pump

5 earthquakes, tsunamis, floods, tides and cyclones are —

- (a) animals bite (b) natural disaster
(c) poisoning (d) burning

6 some one throw water on a fire caused by a short-circuit

- (a) He may get shock (b) he was happy
(c) He was sad (d) all of these

7 You apply an ice cube a sprained joint

- (a) provide relief (b) provide pain
(c) both of these (d) none of these

8 Air is a mixture of various —

- (a) water (b) Ocean
 (c) gases (d) none of these

9 More than three quarters of air is made

- (a) Nitrogen (b) Oxygen
(c) neon (d) Carbon dioxide

10 Moving Air has — and it can push things

- (a) drinking (b) pressure
(c) purify (d) sulphur

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11 If someone is bitten by a mad dog it may

- (a) rabies (b) poison
(c) relief (d) shock

12 When a bone in the body breaks it called a

- (a) splint (b) Burns
(c) fracture (d) cuts

13 Air contains _____ carbon dioxide

- (a) 3% (b) 33%
(c) 0.3% (d) 0.03%

14 Never give or take _____ in the dark

- (a) sun (b) moon
(c) cloth (d) medicines

15 Air occupies _____

- (a) glass (b) space
(c) water (d) bottle

16 Plants needs me to prepare food

- (a) grass (b) carbon dioxide
(c) cloth (d) none of them

17 Which deadly diseases are caused by dog and monkey?

- (a) Malaria (b) rabies
(c) common cold (d) viral

18 In case of minor burn the skin turn _____

- (a) white (b) yellow

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(c) red

(d) blue

19 The immediate help given to an injured person and save his life is called the _____

(a) first aid

(b) second aid

(c) third aid

(d) none of these

20 Many accident can be avoided if we are _____

(a) careless

(b) careful

(c) not follow the safety rules

(d) none of them

21 Geology is the science of _____

(a) earth

(b) sun

(c) both of these

(d) none of these

22 The _____ was covered with forest and swamps.

(a) The earth

(b) sun

(c) both of them

(d) none of them

23 Petroleum is also called _____

(a) crude oil

(b) state

(c) matalic

(d) none of them

24 There are _____ types of coal

(a) one (b) Three

(c) two (d) four

25 The most common use of a _____ is to fetch water from a well.

(a) pulley

(b) efforts

(c) wheel

(d) none of them

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- 26 The grooves on a screw are like the road on _____
- (a) road (b) river
 (c) hills (d) none of them
- 27 Some jacks are in the form of _____
- (a) screw (b) hammer
 (c) rod (d) wheel
- 28 Fishing rod, tongs, tweezers etc. are the example of _____
- (a) First class lever (b) second class lever
 (c) Third class lever (d) none of these
- 29 Scissors, hammer, pliers etc. are _____
- (a) First class lever (b) second class lever
 (c) Third class lever (d) none of these
- 30 A rock with many tiny holes may be _____
- (a) Marble (b) sandstone
 (c) pumice (d) none of them
- 31 Granite is formed from _____
- (a) sediment (b) plant
 (c) magma (d) animal shell
- 32 _____ changes into marble
- (a) lime stone (b) sand stone
 (c) shale (d) none of these
- 33 _____ and ruby are also found in rocks
- (a) stone (b) diamond

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(c) rock.

(d) coin

34 _____ has a groove cut

(a) axle

(b) wheel

(c) rod

 (d) screw

35 you need a needle to sew a _____

(a) cut

 (b) cloth

(c) play

(d) none of these

36 without an _____ a wheel cannot be used as machine

(a) screw

(b) wheel

 (c) axle

(d) rod

37 A lever in which the load lies between the fulcrum and the effort is called _____

(a) Third class lever

 (b) second class lever

(c) both of them

(d) none of these

38 To make our work easy we use

(a) computer

 (b) simple machine

(c) power

(d) none of these

39 The metamorphic rock formed from lime stone is _____

(a) slate

(b) gneiss

(c) granite

 (d) marble

40 light always travel in a

 (a) straight line

(b) wavy line

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- (c) curved line
- (d) parallel line

41 A lunar eclipse occurs when —

- (a) The moon is bright
- (b) Earth is between the sun and the moon
- (c) The moon is between the sun and the earth
- (d) The sun is between the earth and the moon

42 No shadow is formed when the object is —

- (a) transparent
- (b) translucent
- (c) opaque
- (d) none of these

43 A toy car that allows some light to pass through it is made up of —

- (a) opaque material
- (b) transparent material
- (c) translucent material
- (d) All of these

44 A solar eclipse occurs when —

- (a) The sun becomes black
- (b) The earth is between the sun and the moon
- (c) The moon is between the sun and the earth
- (d) none of these.

45 space begins about — km away.

- (a) 10
- (b) 10000
- (c) 100
- (d) 1000

46 When only half of the moon is seen
 (a) Day 1 (b) Day 3
 ✓ (c) Day 7 (d) Day 10

47 Many planets in our solar system have
 spacial _____ that revolve around them
 ✓ (a) bodies (b) moon
 (c) sun (d) none of them

48 There is no _____ and _____ on the moon
 (a) sand, air (b) sand, water
 ✓ (c) air, water (d) all of these

49 The moon Revolves around the _____
 (a) sun (b) Uranus
 (c) Saturn ✓ (d) Earth

50 Coal is formed from dead _____
 ✓ (a) trees (b) cloth
 (c) monkey (d) none of them

Q-2A Fill in the blanks

(1) In case of heavy bleeding sit with
 your head held back

(2) Splint gives support to the broken
 bone

(3) neon gas is used in glowing neon
 sign board



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- (4) water cannot be lifted more than 1034 centimetres.
- (5) Minerals are dug out from mines as ores.
- (6) Shale is used to make tiles for roofs
- (7) A slide is shaped like a/an inclined plane
- (8) To draw water from a well a pulley is used
- (9) Neil Armstrong was the first man to step on the surface of the moon.

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(10) India launched its first satellite into space in 1975

Q-2B True or False

- (1) A pair of scissors is an example of complex machine. False
- (2) An inclined plane makes work difficult for us. False
- (3) A plank can be used as lever True
- (4) Wedge is a machine having several threads False
- (5) A screw holds thing firmly together True
- (6) A screw driver is an example of second kind of lever. False
- (7) Metals are used for jewellery True
- (8) Slate has formed from shale True
- (9) Marble is used for making statues True
- (10) Conglomerat rock has even texture False

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- (11) The moon is very hot during the day and very cold at night. True
- (12) The moon is much bigger than the Earth. False
- (13) You would weight more on the moon. False
- (14) Man first landed on the moon in 1959. False
- (15) Moons are the natural satellites of the Earth. True

Q-3A Define

- (1) Earthquake - The ground shakes with a great force and damage human lives and buildings
- (2) simple machine - Any tool or device that makes our work simpler is called simple machine
- (3) Inclined plane - A gradual sloping surface is called an inclined plane.
- (4) Petroleum - It has been formed from the remains of dead plants and animals in the sea.
- (5) satellite - An object which revolves around a planet in an orbit is called satellite.

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Q-3B Match the following

- | | |
|-------------------------------|-------------------------------------|
| (1) playing with a knife | (a) burns |
| (2) playing on the road side | (b) bruises |
| (3) Fighting each other | (c) accident |
| (4) Teasing animals | (d) cuts |
| (5) Bursting crackers in hand | (e) animal bite |
| (6) exosphere | (f) jet plane fly here |
| (7) Ionosphere | (g) outermost layer |
| (8) Thermosphere | (h) responsible for weather changes |
| (9) mesosphere | (i) hot layer |
| (10) stratosphere | (j) reflects back radio signals |
| (11) Troposphere | (k) cold layer |

Ans.

- | | | |
|-------|-------|--------|
| 1 - d | 5 - a | 9 - k |
| 2 - c | 6 - g | 10 - f |
| 3 - b | 7 - j | 11 - h |
| 4 - e | 8 - i | |

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4A Difference between

1) The Sun

- (A) Sun is a star
 (B) Sun gives light on its own
 (C) Sun is seen in the day time

The moon

- Moon is a satellite of the earth
 Moon just reflect the light given by sun
 Moon is seen in the night time

(2) The earth

- (A) Earth is a Planet
 (B) Earth is revolving around sun
 (C) Earth belong to our solar system

The moon

- Moon is a satellite
 Moon is revolving around earth.
 Moon belong to our solar system.

(3) Igneous rocks

- (a) Igneous rocks are formed from magma the hot molten material found deep inside the earth
 (B) Granite, pumice, Basalt are example of Igneous rocks.
 (c) The magma contains the size of the mineral particles.

Sedimentary rocks

- Sedimentary rocks are formed from pebbles, sand mud or clay that deposited in oceans.
 Sandstone, conglomerate, shale, limestone are example of Sedimentary rocks.
 Dissolve minerals settle by the side of oceans

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Q-4B Draw a figure of

- (1) air has weight
- (2) Total lunar eclipse
- (3) Total solar eclipse

Q-5 answer the following questions

- (1) What do you mean by first aid?
why is it important?

Ans. A person who had an accident needs immediate attention and help given to an injured person to minimize his pain at times to save his life is called first aid. First aid prevent the condition of the victim from getting worse, cuts, burns, bleeding it relieves pain till the doctor arrives.

- (2) What safety rules will you follow if you have to cross a road?

Ans. Use the zebra crossing to cross the road and always walk on the footpath.

- (3) Why does liquid rise in the dropper when we release the bulb?

Ans. On pressing the rubber bulb air

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is pushed out and escape out through the bubbles. air pressure force the liquid to enter the dropper.

4) What are the common properties of air?

Ans. Air has 4 main properties

1. Air has weight
2. Air occupies space
3. Air exerts pressure
4. Air is needed for burning.

(5) How is petroleum refined at refineries?

Ans. petroleum is refined in refineries to give cooking gas, petrol, diesel, kerosenes, lubricants, vaseline, wax, asphalt. etc.

(6) How are igneous rock formed?

Ans. Igneous rocks are formed from magma the hot molten material found deep inside the earth.

(7) What articles are screw used for?

Ans. screw has grooves cut into it rotated due to winding grooves in wood easily

(8) What are three categories into which levers are divided?

Ans. There are first class levers, second class levers, and third class lever.

(9) Write uses of artificial satellite?

Ans. (1) Weather satellite - cameras of weather satellites they send back these photographs to weather study centres on the earth.

(2) Communication satellites - These satellites seen live telecast of events on T.V.

(3) Unmanned space craft - Astronomers use to take detailed of our solar systems and stars.

(10) Why does the moon have extremes of temperature?

Ans. The moon does not have any atmosphere so it cannot filter the heat so it becomes hot during a day and cold during at night.

(11) How did the astronauts enter the lunar module?

Ans. In the front there was a door to lunar modul.

(12) Why is the ozone layer very useful to us?

Ans. The ozone layer which absorb the sun's ultra violet ray.